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Important: Your purchase must be from a participating Case dealer . . . and financed through J I Case Credit Corporation. Finance charges will be waived for eleven (11) months from date of purchase between September 1 and October 31, 1981. It's a golden opportunity to save on a great new Case tractor. See your Case dealer for full information.

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If you would rather have a cash rebate and you buy **any** of the new Case farm tractors listed on the chart . . . between September 1 and October 31, 1981 . . . Case will send you a check for the dollar amount shown on the chart for the model you buy. Rebate may be applied toward your down payment. NOTE: Government Agencies/Departments do not qualify for rebates.

Eligible Model	Cash Rebate
1190, 1290, 1390, 1490, 1690	$1700
2090, 2290	$3500
2390, 2590	$4500
4490, 4690, 4890	$7000

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The University of Arizona Serials Dept.

Comments

Genetic process to affect beef industry

By CAROLYN J. HURST

American consumers are swept up in a wave of anti-beef, anti-meat news that amounts to a massive attempt at redevelopment of animal agriculture assets. Unlike other manias of the past, particularly the low-cholesterol craze of the 1970s, the present surge of publicity is far more disturbing.

RICHARDSON

The initial turmoil from the Australia meat impoundment has died down, but consumer distrust for the meat industry will linger long after buyers at the meat case have forgotten what country's beef couldn't be trusted.

Moreover, because USDA is species testing a much larger portion of imported beef as it enters the U.S., the entire importing process will be slowed and importers will be strapped with additional storage and interest charges. One importer estimated charges at $60 per load per day. These charges will eventually be passed along the meat chain to the consumer.

In principle, such a development should encourage domestic beef sales. Without a strong campaign for domestic beef—such as the dairy industry's real seal program—the Australian horse and kangaroo meat scandal will more likely translate into increase poultry, fish and pork sales in grocery supermarkets.

If the Australian meat scandal has the U.S. beef industry floundering uncomfortably, the September issue of Reader's Digest should add enough editorial flypaper to wipe out meat as a way of life. In a major article, the world's most read magazine with over 31 million copies printed each month in 16 languages, makes the slaughter of animals for food sound worse than the Vietnam War.

Concludes that Reader's Digest article: "Even if you have no interest in becoming a vegetarian, there's no reason why you should have animal protein at every meal, or even every day."

The article is a textbook illustration of the folly of letting pressure groups—no matter how well intentioned—gain control of public opinion. As one stockman explained to us the other day, "The anti-meat people have a gun to our heads and brought us to our knees. But it remains to be seen whether or not the cattle industry will do anything about it."

GLEN RICHARDSON

The impact of a recent breakthrough by an Ohio University molecular geneticist may be felt by the beef industry in as short a time as two to five years. Dr. Thomas Wagnor, who recently reported the first successful gene transfer from one animal species to another, is currently working with Genetic Engineering Inc. of Denver to coordinate research and development of the technique for use in livestock.

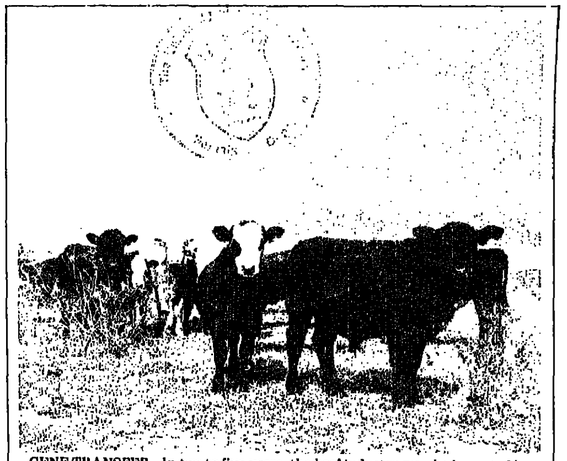
"What we're doing now is laying the groundwork in cattle embryology so that we can use this (gene transfer) rountinely," Wagner told WLJ in a recent telephone interview.

Wagner's breakthrough came when he successfully transferred the gene that directs hemoglobin production from a rabbit to a mouse. Of 312 mouse embryos injected with the rabbit genes, 211 survived and were transferred into female mice. The surrogate mothers produced 46 offspring; five of which contained rabbit hemoglobin protein in their red blood cells.

Genetic Engineering, which has exclusive rights to use the technique, is a public company which specializes in the improvement of animals for increased meat and milk production. Wagner will spend the next year with the company.

Wagner told WLJ there are two approaches for utilizing the gene transfer technique in livestock. The first, what he termed as a long-range application, in-

(Continued on page 5)



GENE TRANSFER—In two to five years, the beef industry may be impacted by research which is currently underway by a Denver firm and an Ohio University molecular geneticist. Dr. Thomas Wagner said the most immediate use of the gene transfer process will probably be in the area of hormone synthesis. See article in this week's WLJ.

WESTERN LIVESTOCK JOURNAL A CROW PUBLICATION

News • Trends • Sales • Shows • Markets

September 14, 1981 Central Edition Vol. 60, No. 48

USDA to evaluate need for quality control in meat labels

USDA plans to evaluate whether approved quality control programs are necessary to document nutritional claims made on labels of meat products such as cooked sausages, according to a Meat and Poultry Inspection bulletin.

Reports CNS, the bulletin said the approval process for new nutrition labels for such products will include an evaluation of the need for a formal quality control program. USDA also will review nutrition labels that have already been approved to determine if a formal program is necessary.

USDA said the determination of whether a quality control program is necessary for products marketed with nutrition labeling will be dependent on the nature of the nutritional claims made by the labels.

It said experience with nutrition labeling and the quality control programs now required for products using such labeling has shown that quality control program requirements could be relaxed in some instances.

Nixon gives USDA details of beef exports

Australian Minister for Primary Industry Peter Nixon recently gave USDA details of Australia's proposed species testing program for beef exports to the U.S., reports Unicom News.

The plan calls for registered export establishments to be divided into three risk categories, with appropriate export stamps for each category as follows:

- Where product is produced under a full-time inspection supervision system, from slaughter to final containerization, from one establishment with one operator, samples will be taken from 10 cartons per week on a random basis.
- Where product is produced under full-time inspection supervision but where there are leased boning rooms in the establishment, samples from 10 cartons per week from each operator will be taken on a random basis.
- Where product has been transferred from either an abattoir or a boning room and stored elsewhere before containerization, samples of 10 cartons from each container of about 600 cartons will be taken.

Nixon also said the 742 spot tests of beef conducted in all Australian states by the Bureau of Animal Health up to Sept. 8 had tested postive for beef and that horse meat and kangaroo meat have been found in shipments from only two labels, ProFreeze and Jason Meats.

He said the Australian government is continuing to negotiate with USDA for the early release of the 12.54 million lb. of beef from the state of Victoria still impounded in the U.S.

Nixon said there had been no complaints from the U.S. government on Australia's handling of the scandal.

Nixon has announced the government will establish a Royal Commission, Australia's most respected independent inquiry, to investigate the meat scandal.

In a wide-ranging address on the scandal to Parliament in Canberra, Nixon said the inquiry would look into allegations that people in official positions were involved in the malpractice and also would probe meat substitution in exports from the state of Victoria.

The Opposition Labor Party leader, Bill Hayden, quickly endorsed the Royal Commission.

Nixon said the government had sent telexes to all state premiers asking their cooperation in the inquiry, and Victoria had agreed to cooperate.

In addition, Nixon said, the government would hire an independent consultant to conduct a comprehensive review on the effectiveness of the proposed new export inspection system. Nixon said he hopes the consultant will report within two months. He said the consultant is being brought in because the government wants an opinion more quickly than could be obtained from a Royal Commission, which will take several months to make its investigation.

Australian Federal Police have charged a 35-year-old company director with 21 counts of forgery in connection with the growing meat scandal.

The man's name was not released, but he was described by police as a 35-year-old company director and former meat retailer and wholesaler. He is the first person to be charged in the scandal which has rocked Australia's billion dollar meat export industry.

Officials said the man was charged with 20 counts of forging documents usable or deliverable to a commonwealth department and one count of forging official seals or stamps.

Recently, a 54-year-old

(Continued on page 5)

Block says Congress will pass farm proposal

U.S. Agriculture Secretary John Block again has predicted that Congress will pass a farm bill "substantially" in line with the Reagan administration's free-market proposals.

Scheduled to appear Sunday on the nationally televised public affairs program "It's Your Business," said Block in an advance release that by moving in a more free-market direction as quickly as possible in farm legislation, the administration believes it can provide "a climate for improved profitablity in agriculture."

Real farm income this year is projected at the lowest levels since the depression. Current USDA projections put net farm income at $20 to $24 billion—only a modest increase from the 1980 figure of 20 billion.

Block reiterated the administration's opposition to the inclusion of target prices in the new farm legislation, which is expected to be debated by the Senate in September. The House and Senate agriculture committee farm bill proposals maintain the target price concept, and efforts by the administration to reduce or cut the target price levels have been received cooly by Congress.

The Reagan administration already is facing the possibility of large deficiency payments on the 1981-82 U.S. wheat, cotton and rice crops.

Tuberculosis hits Ark. cattle herd

A breeding herd of 584 beef cattle in Dias, Ark., was destroyed because of bovine tuberculosis after a federal meat inspector found the disease in meat at a packing plant in Mississippi and traced the meat to the herd, USDA said recently.

The J. Wilman Corp., which owned the herd, consented to its destruction after several animals in the herd showed positive results to tuberculin tests, USDA said. The owners will receive federal and state indemnities of $154,003 to help compensate for the loss.

NEWSPAPER (priority handling)
CENTRAL EDITION
NEWSPAPER (priority handling)

COW POKES By Ace Reid

"Naw we ain't havin' a tornado...it's only Maw learnin' how to drive!"

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MISS APHA—A winsome miss from Arizona captured the Miss APHA title during the National Paint Horse Show in Oklahoma City. The winner of the week-long competition was Barbara Trueba, 21, Scottsdale, Ariz.

Coming Events

Sept. 17-18—Western South Dakota Ram & Ewe Show & Sale, Newell, S.D.
Sept. 26-27—Heritage Place Fall Show and Performance Horse Sale, Oklahoma City, Okla.

HORSE AUCTIONS
Sept. 19—Pitzer Ranch 5th Annual Quarter Horse Production Sale, Ericson, Neb.
Sept. 19 & 20—Odie Cumberlin Performance Horse Sale, Henderson, Colo.
Sept. 20—O'Brien Quarter Horse Complete Dispersal, Kearney, Neb.
Sept. 26—Wakara Ranch Quarter Horse Reduction Sale, Meeker, Colo.
Sept. 27—Heritage Place Fall Paint Horse Show, Performance & Race Sale, Oklahoma City, Okla.

CATTLE AUCTIONS
Sept. 14—Beckton Stock Farm 23rd Red Angus Production Sale, Sheridan, Wyo.
Sept. 17—Westwind Polled Hereford Fall Seed Stock Sale, Valier, Mont.
Sept. 18—Baker-Doherty 5th Annual Champagne Texas Longhorn Sale, Lawton, Okla.
Sept. 19—Granada Grangus Fall All Female Production Sale, Marquez, Texas.
Sept. 19—Bob Roen Ranch "Dynamite Day" Complete Hereford Dispersion, Bowman, N.D.
Sept. 22—The Pinzgauer Bonanza Dispersal Sale, Raymore, Mo.
Sept. 23—Jessen Polled Herefords "Benchmark Sale" Complete Dispersal, Altonah, Utah.
Sept. 25—PAYS Video 5th Annual Montana Feeder Cattle Contract Auction, Billings, Mont.
Sept. 26—Montana Red Angus Field Day, Bench Ranch, Fishtail, Mont.
Sept. 26—6th Annual Eastern Devon Cattle Assn. Sale, Nokesville, Va.
Sept. 26—Texas Red Polled Assn. Annual Sale, Brenham, Texas.
Sept. 27—Ute Ranch & Packard Cattle Co. Joint Simmental Production Sale, Elbert, Colo.
Sept. 28—Anthony Shadow Isle Cow/Calf Sale, Minatare, Neb.
Sept. 28-29—Bayers Hereford Ranch (Coulsby Line, One Division) Dispersion, Stanford, Mont.
Sept. 29—Lu Bar Beefmaster Ranch, Pleasanton, Texas.
Sept. 30—Quirk Land & Cattle Co. Complete Simmental Female Dispersal, Hastings, Neb.

Nominations open for Feedlot Test program

Nominations of calves for the 1981-82 Colorado Feedlot Test and Carcass Evaluation Program will be accepted until Oct. 23, according to Don Willis, executive director of the Colorado Beef Board.

The program, initiated nearly two decades ago by the Cattle Improvement Committee of the Colorado Cattlemen's Assn., Colorado Beef Board and Colorado State University, is designed to evaluate feeding traits and carcass merit of calves fed under normal feedlot conditions in order that participants can quickly get a reading on their herds or progeny groups for genetic improvement.

"A secondary benefit of the program," says Willis "is that it offers the ability for a rancher to identify the best marketing advantage for his calves without placing his entire calf crop in a commercial feedlot." Since the calves are fed on a two-stage growing ration for approximately 90 days and individually weighed, one can evaluate whether it is more advantageous to sell the calves at home or sell them as "warmed up" feeder cattle. The calves are further fed for an additional 90 days, or until it is assumed they will reach low Choice quality grade when slaughtered.

It is a simple procedure for the rancher to compare the net return (carcass value—incurred feedlot costs) from cattle fed in the test under retained ownership with the going price for warmed up feeder cattle at mid-test or the return the calves would have brought by selling them at home, to adjust his marketing practices in the future.

Calves must be born no earlier than Jan. 1, 1981 and must weigh at least 425 lb. when delivered to Miller Feedlots, Inc. #2 feedlot at Peckham, Colorado, Nov. 19 and 20. A minimum of 5 head must be nominated according to Willis, and to get a good evaluation, 10-20 head is suggested. "We have some breeders who will send 8 or 10 sire groups of 10 head each," said Willis, attesting to the fact that it is an unbiased evaluation tool for a producer to utilize in upgrading his herd.

Calves are identified individually upon arrival at the lot and after an adjustment period of 15-20 days, weighed individually for the official on test weight, weighed at 90 days and 180 days with all gain data run through a computer each time and disseminated by individual dates, breed and herd averages as well as individual sire groups. All carcass data and incurred feedlot costs, returns, etc. are reported on the computer printouts—some 45 data points in all.

All costs incurred against the animals while at the feedlots are carried by Miller Feedlots, Inc. at the going interest rate and are deducted from the carcass value of each animal when slaughtered.

Willis stated that, "the only out of pocket cost to the cooperators is a charge of $10/head for in-state and $12.50/head for out-of-state cattle to cover part of the computer costs."

"In the last eighteen years, we have put nearly 18,000 head of cattle through the program. I would encourage every progressive cattleman to put calves in the program at least once," said Willis.

42 buyers select Beefmaster bulls

By JERRY YORK

Forty-two buyers from 12 states and Mexico selected 100 Lasater Beefmaster bulls at the Lasater Ranch, Matheson under that firm's contract delivery plan. Average price paid was $2,420 with a top price of $3,400 on the first selection. The price dropped $20 on each subsequent selection making the last bull bring $1,420.

The buyers entered into their contracts last fall shortly after the birth of the first bulls in the offering. The Lasater Ranch starts calving in August and delivers the bulls the following August following a 62 day gain test.

To assist buyers in making their selection, they are furnished with a list showing the weaning weight, 62 day gain, and the current weight.

The largest number of buyers were from Texas, with Oklahoma, New Mexico, Missouri, Florida, Colorado, Kansas, Arizona, California, Idaho, Wyoming and Illinois also being represented.

William J. Broussard, Melbourne, Florida took 10 head, Kanapaha Ranch, Jacksonville, Fla. took 10 head, L.S. McDowell Ranches, Big Springs, Tex. took 6 head, Advento Guerra, Monterrey, Nuevo Leon, Mexico took 5 head, D.P. Boothe, Jr., Sausalito, Calif. took 5 head, Eddie Lumpkin, Okeechobee, Fla. took 4 head, Musser Brothers, Delta, Colo. took 4 head and John S. Cargile, San Angelo, Tex., McAllen Ranch, Linn, Tex., and Payette River Ranch, Emmett, Id. each took 3 head.

This was the 32nd annual bull contract for the Lasater Ranch and the buyers list was full of repeat customers, proof that the bulls are working and doing the job.

Busy month ahead for Red Angus breeders

By RALPH HEINEMANN

Late September and October will be a busy time for Montana Red Angus breeders announces Jack Heyneman, Fishtail, Mont., Red Angus Assn. president. Beginning Sept. 26, the Montana Red Angus Assn. field day and barbecue will kick off the activity at the Bench Ranch, Fishtail. This event will feature livestock judging, a ranch tour, games, and a clearing house for buyers and sellers of Red Angus breeding stock and feeder cattle. And information exchanged in the broadest sense. Everyone is invited to this event according to Jack Heyneman, Bench Ranch owner.

The week of Oct. 12 - 17 is Northern Internation Livestock Exposition (NILE) in Billings, Mont.; and the Montana Red Angus Assn. is planning to be well represented there. An evening, Tuesday, Oct. 13, activity will begin the affair. A pre-show and pre-sale cocktail hour is scheduled at the Holiday Inn West. The Red Angus breed show is Oct. 14 and 11 a.m. Judges for this event; Keith Stevenson, Hobson; Jerry Tonne, Geraldine; and Jim Thiessen, Lambert. At 4 p.m., the "Prestigious Inspector" sale of Red Angus females is scheduled at the NILE. Sale entries will have been selected for confirmation, performance and condition by leading cattlemen of all breeds, livestock publication representatives and other parties interested in beef cattle improvement. Class and division winners from the morning show to be eligible for this show.

NILE Red Angus activity will conclude with a 6 p.m. cocktail hour and dance at the Holiday Inn.

NUTRITION—Joseph M. Harris, Ph.D., joined the V.M.S., Inc. nutrition staff recently. Dr. Harris received his degrees from the University of Florida in animal science and microbiology.

APPLICATION
COLORADO FEEDLOT AND CARCASS EVALUATION PROGRAM — 1981-82
Application must be received prior to October 13, 1981.

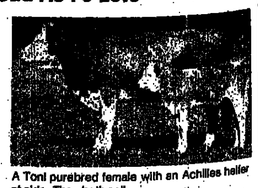
NAME _____
ADDRESS _____ COUNTY _____
CITY _____ STATE _____ ZIP _____
PHONE _____
No. of Head Steers _____ Heifers _____
Breed(s) _____
Signed _____ Date _____

Mail application to:
Don E. Willis, Executive Director
Colorado Beef Board
Room 328, Livestock Exchange Bldg.
Denver, CO 80216

Rocky Mountain Spectacular
Ute Ranch and Packard Cattle Co.
Joint Simmental Production Sale
Sunday—September 27—1 p.m.
At the Packard Cattle Co. Sale Barn
Elbert, Colorado
Offering 96 Head As 75 Lots

This sale is a must for the serious Simmental breeder. Quality will run deep in the females and the club calves.

An outstanding purebred Signal daughter selling bred to Abricot.



A Toni purebred female with an Achilles heifer at side. They both sell.

Auctioneer: Merrill Anderson
Sale Day Phone: 303/632-9336
Sale Headquarters: Ramada Inn Airport East, Colorado Springs, Colo. 303/596-7660

Peter Packard
R.R. No. 1 Box 100
Elbert, CO 80106
303-632-9336

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Eugene Helfrich, Manager
LaVeta, CO 81055
303-742-3246

Sale Management by
BSI Bovine Sires International
Erick Cook
33899 Weld County Rd. No. 55
Gill, CO 80624
303-353-3922

Auction Results

"SALE OF SALES"
Houston, Texas, Aug. 29

1 guaranteed pregnancy . $2,000
9 bulls 12,744
12 females 9,529

Auctioneer: Skinner Hardy, Bakersfield, Calif.
Sale Manager: World Sales, John Joyce, Wharton, Texas

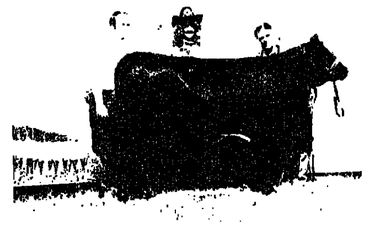
High selling bull: Mr. JSJ Elefante 85; Kevin Joyce, Wharton, to Clive Gardner, South Africa, $80,000.

High selling female: LMT Miss Diamond T 241; Diamond T Ranch, Bay City, to Joe Tarrant, Athens, $32,500.

INTERNATIONAL BRAHMAN
Houston, Texas, Aug. 28

20 females $3,485
10 bulls 6,930

High selling bull: S.I.R. Sullman 373, 4/28/79 by Mr. V8 120/2; Santa Isabel Ranch, Inc., Waller, to Raul Montforte, Denis, Mex., $35,000.



GREEN MOUNTAIN RANCH—Green Mountain Angus Ranch, Ryegate, Mont., displayed the grand champion Angus female, Yellowstone Exposition, Billings, Mont. Pictured are: Judge Steve Reimer (left), Chamberlain, S.D.; Montana Angus Queen Ronna Keefer, Roy, Mont.; and owner Gale Todd, Green Mountain Angus Ranch at the halter. The heifer, Patriots Pretty Lady 029, 2/12/80 by Sayre Patriot. (Staff photo by Ralph Heinemann)

High selling female: LMT Miss Diamond T 349, 3/16/80 by WHS Madhyo Esto 54278; Diamond T Ranch, Bay City, to Joe Tarrant, Athens, $11,000.

WILLARD NORDICK PRODUCTION SALE
Limon, Colo., Aug. 22

57 head $3,561.32

Auctioneer: Dean H. Parker
Sale Managers: Dean H. Parker —Thane E. Lancaster & Assoc.

Tops: Ruff Surf, 1974 sorrel stallion by Fowler Deck; James M Shore, Wray, $50,000. Unnamed 1981 Tobiano mare by Impressor; Delmar Humphrey, Morrison, $20,000 Millie Miller, 1971 sorrel mare by Mickey Miller, William J. Lacy, Crested Butte, $20,000. Ima Impressor, 1/20/81 sorrel stallion by Impressor; Bob Green, Erie, $15,000. Unnamed foal; Lane Ranch, Limon, Colo., $7400. Versatry's Hot Gossip, 1980 bay mare by Versary Bars; Barbara Thomas to Ronald Paness, Conifer, $5200. Roylay Skipa Sham, 1980 buckskin stallion by Skipa Star; Bennington & Kemp, Castle Rock, $4800. Tmxchex, 1979 sorrel stallion by Tex Oh; Ronald F. Ball, Brush, $4500. Roylay Impressor Leo, 3/16/81 chestnut stallion by Impressor; Roy & Jane Staples to G.C. Berginur, Texhoma, Okla., $3000. Sierra Seeker, 1969 sorrel mare by Goldseeker Bars; W. A. Munson, Colorado Springs, $3000. Beach Hawk, 1976 red dun gelding by Beachtime Bar; Sharen K. Schafer to Fred E. or Brad Wagner, Brush, $3000. Bar Cinder, 1977 grey gelding by Bar Fly Bailey; Angela Mason to Daniel G. Stroh, Berthoud, $2800. Gofar Cowboy, 1976 sorrel stallion by Cowboy 2 Duster; Richard and/or Arlene White, Wray, $2600. Oh Jetta Dust, 1980 sorrel mare by Tex OH; Cliff Harvey, Brighton, $2500. Pets Vivan, 1979 chestnut mare by Scool Baron; Winifred D. Hover to Margaret Colwell, Hay Springs, Neb., $2200. Almont Star Lady, 1966 sorrel mare by Buck's Folly; William Lacy to Jerry & Carold Monks, Limon, $2200. Lizzie's Delight, 1972 bay mare by MR Bars Tag; Albert A. Hall, Canon City, $2100.

Show Results

WYOMING STATE FAIR
Douglas, Wyo., Aug. 18-23

HEREFORDS
Judge: Mark Largent, Wilsall, Mont.

BULLS. Grand and calf champion: Adams Brothers & Co., Kilgore, Neb., on ABC L1 Domino 0248. Reserve grand and senior champion: Shaw Hereford Ranch, Inc., Caldwell, Idaho, on Nugget 951. Reserve senior champion: Venhuizen Herefords, Manhattan, Mont., on JV Domino 987. Reserve calf champion: Butch Seliman, Craford, Neb., on SR LL1 Donald 0628. Yearling champion: Spickler Ranch, Grace City, N.D., on S Titan 035. Reserve yearling champion: Adams Brothers on ABC L1 Domino 0129.

FEMALES. Grand and yearling champion: W. Douglas Phipps, Mullen, Neb., on Fort Dominette 009. Reserve grand and reserve yearling champion: Horn Enterprises, Hermiston, Ore., on HC BC MS Titan 10ET. Calf champion: Venhuizen, exhibited by Midwest Cattle Co., on 110 JV Shirley 101. Reserve calf champion: Sherry Brown, Lodge Grass, Mont., on MJB M5 Mover 0119.

GROUPS. Get-of-sire: Adams Brothers. Best 6 head: Adams Bros. Premier exhibitor: Adams Brothers.

POLLED HEREFORDS
Judge: Spud Kuhlman, North Platte, Neb.

BULLS. Grand and senior champion: Moberly Hereford Ranch, St. Francis, Kan., on BT Drover 291L. Reserve grand and calf champion: Moberly Hereford Ranch on MHR Clandonald 82N. Reserve calf champion: Jack Olsson, Longmont, Colo., and Wolfe Hereford Ranch, Lafayette, Colo., on OR Transio 5J12M. Junior champion: Edwards Polled Herefords, exhibited by Mid-America Cattle Co., Lolo, Mont., on EPH Alpha 255M. Reserve junior champion: John E. Rice & Sons, Inc., Sheridan, on JR Phramer. Reserve senior champion: Hobbs Polled Herefords, Penokee, Kan., on BH Justa Banner 358L.

FEMALES. Grand and senior champion: Wolfe Hereford Ranch on BW Lady Enforce 422M. Reserve grand and junior champion: John E. Rice & Sons on JR Banner Lady M231. Reserve senior champion: Hobbs Polled Herefords on MS Bambi 701 30E. Calf champion: Flying W Ranch, Kimball, Neb., on FWR Jogette 0135. Reserve calf champion: Joni Snapp, Westmoreland, Kan., on G&R Joggers Queen. Junior champion: Wolfe Hereford Ranch on BW Julie Jogger 495M.

GROUPS. Get-of-sire: Hobbs Polled Herefords. Calf get-of-sire: Moberly Herefords. Best 6 head: Moberly Herefords. Premier Exhibitor: Moberly Herefords.

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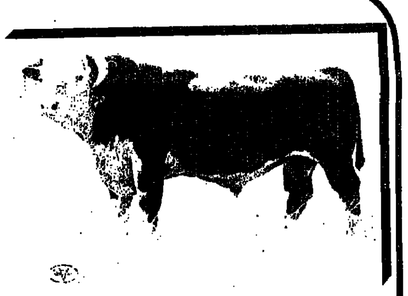

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• Montana Domino 761J22 - from the Havre Exp. Station by WCF L1 Domino 9144.

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"ECLIPSE 5L"—National 1979 Calf Champion, 1981 Junior Champion—A Major Service Sire (selling 1/3 Breeding interest).

"HIGH RISE 2430"—National 1981 Reserve Champion Bull (Selling 1/3 interest and full possession)

RED GIRL 735—National 1978 Grand Champion Female (Not Selling)

MONDAY, Oct. 5th–170 Lots–240 Head

5 Herd Bulls, 8 Yearling Bulls, 45 Bred Heifers, 65 Two-Year Olds, 45 Cows and Calves

A Major Herd Reduction! Every Animal Goes Through the Ring;—The Only Animals Retained will be Paired in Ring with Buyer Taking Choice!

THESE "NATIONAL CHAMPIONS" SELL

* NATIONAL 1979 Calf Champion and 1981 Junior Champion Bull—"ECLIPSE 5L" (1/3 breeding interest)
* NATIONAL 1981 Reserve Grand Champion Bull—"HIGH RISE 2430" (1/3 interest and full possession)
* NATIONAL 1981 Reserve Senior Champion Female—"SUSIE 9983"
* NATIONAL 1978 Grand Champion Female—"RED GIRL 735"
* NATIONAL 1979 Reserve Grand Champion Female—"BRANDINA 835"

AVERAGING ONLY 2.7 YEARS OF AGE, This Offering Includes Many Daughters of these NATIONAL CHAMPIONS

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* NATIONAL 1978 Grand Champion Bull—"FULL POWER 1843"
* NATIONAL 1978 Reserve Grand Champion Bull—"BIG STEP 1375"
* NATIONAL 1978 Reserve Senior Champion Bull—"CHINOOK 1421"

Also included are daughters of NATIONAL Western Champion, "ANKONIAN DYNAMO," the National Sire Evaluation Reference Sire, "PBC H3554" and the Sire of National Champion, "DYNAMO 614"

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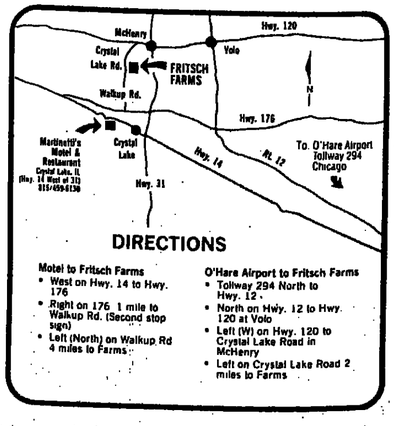
General Information

Sale Location: FRITSCH FARMS, 1712 Crystal Lake Road, McHenry, Ill. 60050
Sale Time: Monday, Oct. 5—11 AM
Fritsch Credit Plan available upon prior approval.
10% DISCOUNT to all Junior American Red Angus Members
Sale Phone: 815/344-5765 and 344-1024
Sale Headquarters: Martinetti's Motel, 6305 N.W. Hwy.—U.S. 14, Crystal Lake, Ill. 60014, 815/459-6130. Ask for Fritsch Farms Reservations—(5 Miles from Sale)
Pre-Sale Social Get-together: Sunday, Oct. 4—7 PM at Fritsch Farms
Transportation: Sale is only 45 miles from Chicago International O'Hare Airport. Planes can be met upon prior request.
Local Airports for Private Planes include: Crystal Lake Airport, (5 Miles) 815/459-0151 · Elgin Airport, 312/741-5182 (15 Miles) Palwaukee Airport, 312/537-1200 (35 Miles)
Sale Manager: James H. Leachman "The Red Connection," 3135 Sycamore Lane, Billings, Montana 59102 · 406/656-8583
Auctioneer: Curt Rodgers, Platte City, Missouri
For Complete Information call Jim Finch, Gen. Mgr. 815/344-5765



DIRECTIONS

Motel to Fritsch Farms
* West on Hwy. 14 to Hwy. 176
* Right on 176 1 mile to Waukup Rd. (Second stop sign)
* Left (North) on Waukup Rd 4 miles to Farms

O'Hare Airport to Fritsch Farms
* Tollway 294 North to Hwy. 12
* North on Hwy. 12 to Hwy. 120 at Volo
* Left (W) on Hwy. 120 to Crystal Lake Road in McHenry
* Left on Crystal Lake Road 2 miles to Farms

Write for Complete Sale Catalog

FRITSCH FARMS

1712 Crystal Lake Road, McHenry, Ill. 60050

Jack Fritsch, Owner 312/362-5726 Jim Finch, Gen. Mgr. 815/344-5765

Genetic process to affect beef industry

(Continued from page 1)

volves transferring the genes which code for a specific trait from one animal to another—even one species to another, as was the case in his experiment involving mice and rabbits. "You can only deal with traits that are coded for by specific genes," said Wagner, "and not many are known in cattle at this time."

The most immediate application, Wagner feels, is in the area of hormone production. "There are a lot of companies spending a lot of money to produce hormones that will stimulate milk and meat production." The problem with current techniques, Wagner continued, is that they are very complex and therefore costly. Wagner explained the gene transfer technique involves introducing the gene which stimulates production of a desired hormone directly into the animal—"direct genetic delivery of an artificial time switch," he said.

"It's important to realize that there's a lot of work to be done," said Wagner. "I think what is needed in the U.S. and worldwide is to enhance the efficiency of animals. That's the kind of goal we're talking about. Hormones increase the physiological efficiency of animals and hopefully (through gene transfer techniques), we'll be able to raise animals with the capability to convert low grade feed into high grade beef and milk."

Nixon gives USDA details of exports

(Continued from page 1)

former boner with a South Australian export company told the national daily "The Australian" he had been offered $4,500, a new car and shares in the company to "keep his mouth shut" when he threatened to tell government authorities about substandard beef and mutton being sold to foreign markets. He alleged meat which was rejected by meat inspectors at abattoirs was smuggled into the cargoes market for export within hours of rejection.

In Perth, West Australia, a member of the Australian Meat Industry Employee's Union said he had been told on three occasions to "tone it down because they didn't want unfavorable publicity" when he complained to Department of Primary Industry officials of meat substitution.

He told the newpaper as far as he knew there was now no substitution of beef in Western Australia, "but substitution has been going on for at least five years, and the Department knew about it."

NUTRITION—Joseph M. Harris, Ph.D., joined the V.M.S., Inc. nutrition staff recently. Dr. Harris received his degrees from the University of Florida in animal science and microbiology.

MANAGER—Douglas J. "Jack" Weseli has been named general manager of the Lovana Farms, Columbus, Miss. unit. Weseli, former managing partner of Black Belt Angus, joined the Lovana staff in July. The Columbus unit will be the main principle for Lovana's Brangus operations.

Assn. plans fall membership drive

Plans for a fall membership drive by the Nebraska Stock Growers Assn.'s Membership/Revenue Committee are currently underway, according to a spokesman for the cattle organization.

The drive is an effort to sign up joint memberships in the Stock Growers organization and the National Cattlemen's Assn. for the 1982 dues year.

New members will pay a reduced dues amount to the NCA by belonging through the state association and, in addition, will receive free memberships for the remaining portion of 1981 and a chance at winning a saddle in a drawing of new members to be held in early winter.

The Pinzgauer Bonanza Dispersal Sale Tuesday, September 22

10:30 a.m.

Raymore, Missouri

Selling 542 Lots totaling 848 Head!

Offering includes:
306 Cow/calf pairs, many 15/16 pairs, 7/8 pairs and 3/4 pairs
96 Open Heifers, many 15/16-bloods, 7/8-bloods and 3/4 bloods
98 Bred Females, including 7/8-bloods, 3/4-bloods and 1/2-bloods
42 Yearling Bulls, 15/16-bloods, 7/8-bloods and 3/4-bloods

THE LARGEST PINZGAUER SALE IN HISTORY!

* OFFERING The most American Purebreds ever, more than 100 head!
* OFFERING The most cow/calf pairs
* NEARLY 100% Purebred Hereford base is behind this entire offering
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* ALL of the popular bloodlines of the breed are represented in the breeding age females
* BUY these cattle with excellent disposition, carcass traits, low feed-conversion ratios
* ALL registration papers guaranteed

Bred coming 2-year-old purebred and 3/4 heifers, all selling!

These 3/4 and 7/8's bred heifers all sell!

Auctioneers: Stanley Stout & Ray Sims

Sale to be held one mile east of Raymore, Missouri on Hwy 58, then south on Prairie Land Road one mile.

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816/331-1200

Contact us for catalog or information:
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Jessen Ranch Complete Dispersion

"The Benchmark Sale"

(Every Polled Female Sells)

450 Head—At the ranch—10 a.m. (MST)

September 23, 1981—Altonah, Utah

HL 1 Miss K Dom 6174—One of the few remaining cows from the Havre Test Station, Havre, Montana. She was the high selling female in the '79 Kubick Polled Hereford Production Sale. Her bull calf at that sale sold for $14,000 and is serving in the herd of Odell Gelvin's in Fairland, Oklahoma. Currently she has a heifer calf show prospect by Gold Standard Enforcer 107H. "6174" weighed 1740 pounds on May 1, 1981 and is a definite transplant candidate. Bred back to Enforcer 107H.

Including the service of DUPLICATION 476L, a full brother to Enforcer 107H! 476 L will be the service sire on a majority of the cows with their first calves. A son of Victorious K47 U81 and out of BT L1 Advancer 12H's mother will be used to cover the cows after they have been bred AI.

OR Lady Vic K74 D151

Paternal sister of OR Vic Anu K74 E70 the sire of so many excellent females. K151 has been one of the very top producing cows in the herd. Currently she has an excellent bull calf at side by Gold Standard Enforcer 107H.

Reference Sires

BT PRL Driver 536L · Enforcer 107H · Justa Banner · Victorious K47 U81
BT CL Domino 15G · Charme Norden 10G · BT L1 Advancer 12H · Vindicator

Auctioneers: Eddie Simms and Ken Troutt

Jerry York and Don Doris
for Western Livestock Journal

Sale Headquarters:
Bottle Hollow Motel, Ft. Duschene, Utah

For sale information contact:
Jessen Ranch
Gary or Rosalie Jessen
Altonah, Utah 84002
801/454-3366
or Norm Newell 801/454-3366

Catalog and information request
Send to: Gary Jessen, Altonah, Utah 84002
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Address _____
Town _____
State _____ Zip _____
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Show Results

COLORADO STATE FAIR
Pueblo, Colo., Aug. 21-30

CHAROLAIS

Judge: Ted Morgan, Sedgewick, Colo.

BULLS: 9 shown. Grand and senior champion: Bauman Ranch, Carpenter, Wyo., on BR Liberator I **Reserve grand and junior champion:** Huberi Charolais Ranch, Monumont, Kan., on HCR Profectionist 0193. **Reserve senior champion:** Rainbow End Ranch and Shallow Creek Charolais, Ft. Sumner, N.M., on SCC Extra Courage 919. **Reserve junior champion:** Shallow Creek Charolais on SCC Imperial Courage. **Calf champion:** Klinglesmith's LK Ranch, Meeker, on LK Rocky 117. **Reserve calf champion:** Bauman Ranch on BR Columbia 377.

FEMALES: 15 shown. Grand and senior champion: Bauman Ranch on BR Mari 69. **Reserve grand and senior champion:** Bauman Ranch on BR Glamour Girl. **Junior champion:** Shallow Creek Ranch on SCC Perfect Lady 070. **Reserve junior champion:** Sharla Adams and Shallow Creek Charolais on SSC Ms Real Impressive.

GROUPS. Pairs of calves: Klinglesmith's LK Ranch. **Produce of dam:** Bauman Ranch. **Group of 6 head:** Bauman Ranch. **Premier breeder:** Bauman Ranch.

CHIANINA
Judge: Jerry Adamson, Cody, Neb.

BULLS: 11 shown. Percentage and grand champion: Mile High Chianina, Denver, on MH Ebony Tarlan. **Reserve percentage champion:** Mile High Chianina on MH Ebony Adonis. **Reserve purebred and reserve grand champion:** George Seward Cattle Co., Yuma, exhibited by Bill Becher, on JW Zachariah.

FEMALES: 28 shown. Percentage and supreme reserve grand champion: Julie Lebsach, Sterling, on Sky Hi Miss "Fancy Lady." **Purebred and supreme grand champion:** Mile High Chianina on MH Ficosa's Cleopatra. **Reserve purebred champion:** P&L Farms, Akron, on PLF Mariah 102M. **Reserve percentage champion:** Dwight and Tammy Sunthen, Aurora, on Miss Fancy Falem 006.

GROUPS. Get-of-sire: Mile High Chianina. **Cow-calf pair:** Clint Carlson, Denver, and Mile High Chianina. **Premier exhibitor:** Mile High Chianina.

SIMMENTAL
Judge: Johnnie Hook, Manhattan, Kan.

BULLS: 10 shown. Grand and junior champion: Big Sky Simmentals and Golden Link, exhibited by Northwest Fitters, Levina, Mont., on GL Revolution 023M. **Reserve grand and reserve junior champion:** Ute Ranch, La Veta, on Ute Signal Mercury UM2. **Senior champion:** Quarter Circle 7 Simmentals, Big Springs, Neb., on Extra's Legacy.

FEMALES: 35 shown. Grand and senior champion: David Kaufman, Ft. Morgan, on MTB Miss 20M. **Reserve and senior champion:** Samuel and Elanor Mick, Gill, on SBW Miss Verlou 4M. **Junior champion:** Justin Cumming, Julesburg, on Miss Signal L29. **Calf and reserve junior champion:** Big Sky Simmental on BSS Gray Gal 052M **Reserve calf champion:** Bridle Bit Simmentals, Gill, on BBS Miss N291. **Premier breeder:** Big Sky Simmental.

TEXAS LONGHORNS
Judges: Dr. and Mrs. L.V. and Pat Baker, Elk City, Okla.

BULLS. Champion: Bob Schultz, Frankfown, and Jean Wickland, Castle Rock, on Fifty-Fifty. **Reserve champion:** T.D. Sid Kelsey, Ramah, on Diablo.

FEMALES. Champion: Jean Wickland on Cutoote Caledonia. **Reserve champion:** Bar Flying M Cattle Co., Yuma, on Miss Shahan 152. **Premier exhibitor:** Bar Flying M Cattle Co.

JUNIOR MARKET STEERS
Judge: Dr. Bill Able, Manhattan, Kan.

LIGHTWEIGHT DIVISION: 29 shown. Champion: Dustin Dorsey, Eaton, on crossbred. **Reserve champion:** Randy Kindelster, Greeley, on Chianina-cross.

MEDIUM WEIGHT DIVISION: 36 shown. Champion: Kent Lebsack, Sterling, on Chianina-Angus. **Reserve champion:** Tim Anderson, Eaton, on Chianina-Angus.

MEDIUM HEAVYWEIGHT DIVISION: 30 shown. Champion: Heather James, Burlington, on Chianina-Angus. **Reserve champion:** Ben Rogers, Meeker, on Chianina-Angus.

HEAVYWEIGHT DIVISION: 47 shown. Champion: Tim Anderson on Chianina-Angus. **Reserve champion:** Scott Anderson, Eaton, on Maine/Chianina/Angus.

Grand champion: Kent Lebsack on Chianina-Angus. **Reserve grand champion:** Tim Anderson on Chianina-Angus. **Best group of 3:** Kaufman Farms, Fort Morgan. **Champion of champions:** Scott Maclennan, Bennett. **Reserve champion of champions:** Julie Frontrass, Maybell

INTERNATIONAL BRAHMAN FUTURITY
Houston, Texas, Aug. 26-28

Judge: Bill Cowan, Animas, N.M.

BULLS. Champion: Santa Isabel Ranch, Inc., Waller, on S.I.R. Sullivan 375, 4/29/79 by Mr. V8 120/2. **Reserve:** M.E. "Bud" Wentz, Olmito, on WFC Delbert 88/9, 2/23/79 by MEW Crepusculo.

FEMALES. Champion: Bill Tackitt, Floresville, on BDT Miss Swato Manso 383, 2/6/80 by WRF Reswato Manso. **Reserve:** M Ranch, Thornton, on BCF Miss Imp Esto 9, 4/21/80 by WHS Ben Imperator 789/8.

Honduras to cut exports to U.S.

U.S. beef imports from Honduras are expected to decline in 1981 to 22.68 million tons compared with 25.08 million tons in 1980, the U.S. agricultural attache in Guatemala said, reports CNS.

The attache said in a recent report that a rise in domestic meat consumption in Honduras combined with lower prices paid for beef in the U.S. will account for the decline in exports to the U.S.

In the Dominican Republic, exports of beef to the U.S. are expected to increase, the attache in Santo Domingo said. Beef exports for 1981 are expected at 2,900 tons compared with 2,200 in 1980. Good domestic grazing conditions and a better price outlook for the cattle industry will account for the slight increase, the attache said.

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QUARTER HORSE
REDUCTION SALE

Saturday—September 26, 1981
at the ranch on Buford Highway 6 miles southeast of
Meeker, Colorado

Selling 106 Head

42 Broodmares
12 Two and Three-year-old Geldings
20 Yearling, Fillies and Colts
32 1981 Babies

Selling Own Daughters of such outstanding Stallions as: Threeders, Dee Star, Captain Hank, Vandy, Baldy, Madison, Skippers King, Clif Cody, Babe Cody, Chip Bar, Vegas Moonshine, Bar Temis, Joint Venture, Leach Bar, Super Cash, Bull Run, Skips Pride, Kings Reward, Vaquero Bar, The Ole Judge, Gandy Dancer, Skipato, Real Skipper, Skippitys Feat, Nick W, Skips Shadow, Skipador, Skipagrande, Etc.

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THANE E. LANCASTER AND ASSOCIATES

Holden Herefords
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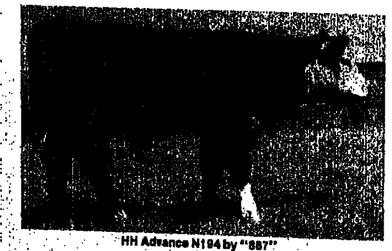
Pat Goggins—Auctioneer
Thursday, October 1st—1 p.m.
at the ranch—Valier, Montana



HH Advance N194 by "887"

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Big and Gentle
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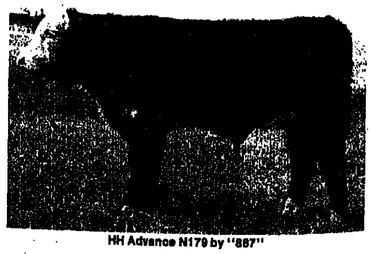
Featuring "887"
and his sons.



HH Advance N179 by "887"

Sale Offering

HH Advance 887—Three-year-old Herd Sire, 60 inches tall and weighing 2100 pounds at the end of a 60 day breeding season on June 17th.

HH Adv Mark M047—A yearling reserve Herd Sire, 53.75 inches tall and weighing 1480 pounds on June 17th.

Nine yearling heifers—Open, from our own replacements

Thirteen open cows—from our own breeding herd.

Forty-five Big Bull Calves

Sale cattle are from a herd that has been built on a sound culling and performance program. The only privately owned herd as Hereford cattle in the United States that is completely blood tested and have had all blood types classified as typically Hereford.

Sale cattle will be on display on September 30th and October 1st. Coffee and Doughnuts on September 30th and lunch served on October 1st. Hospitality hour at The Two Travelers Restaurant in Valier on September 30th at 6:30 p.m. Visitors Welcome anytime. Please come and be our guests.

Holden Herefords
Les & Ethel Holden
Valier, Montana 59486
Phone: 406/279-3423

Catalogs available on request after Sept. 10th.

Guest Consignor
Jack Holden
Valier, Montana 59486
Phone: 406/279-3326

Getting more beef per acre; welcome news for cattlemen

As Detroit engineers struggle to get more miles per gallon of gasoline used in our automobiles, researchers at agricultural colleges have been working on better ways to get more steaks and hamburgers per acre from our North American farm and ranch land.

With the cost of beef cutting into consumption patterns and a corresponding drop in the price received by cattlemen for their product, anything that helps hold down the cost of producing our favorite meat will be welcome news for both consumers and cattlemen.

Now, farmers and ranchers in the United States and Canada are looking to new ways to get up to 100 lb. more beef from an acre of grazing land. The key to this success is better grassland management, especially rethinking of fertilization programs used on native grasses.

According to a report by Sperry New Holland, a farm machine manufacturer, grazing areas kept in top condition are essential for achieving more beef per acre. Just how to accomplish this varies as much as the grass varieties throughout North America, the report adds.

One of the more consistent ways of boosting productivity of native range is taking place in the Northern Plains, where a large percentage of grass-fattened beef originates. In some cases, stocking rates per acre have nearly doubled.

Duane L. Dodds, extension grassland management specialist at North Dakota State University, says fertilization of the more productive grassland increases the potential grazing capacity and should result in more beef per acre.

Grassland fertilization studies conducted at the Northern Great Plains Research Center (NGPRC) in North Dakota have shown beef cattle grazing on nitrogen fertilized pastures gain more per acre than cattle on untreated ranges.

NGPRC research director Russell Lorenz says pastures in the Plains usually produce 50 lb. of gain per acre for yearling beef. By adding 40 lb. of nitrogen per acre to the range pastures the beef gain was increased to 97 lb. With 80 lb. of fertilizer, the increase was a substantial 125 lb. of gain per acre.

In western Oklahoma, steers grazing native lovegrass supplemented with nitrogen increased the gain per head by 10%. The carrying capacity of the range increased by 25% and beef production per acre was upped 31%.

Improved stocking rates were made possible by the nitrogen applications. Where unfertilized native grassland required 5.3 acres per yearling steer for a 140-day grazing season the fertilized grassland required only 2.6 acres for the same grazing season.

Lorenz says along with the greater carrying capacity, the protein content in the plants is almost always increased by nitrogen applications.

The research suggests another possible benefit of the fertilization program is that improved plant conditions will extend the grazing season.

The fertilization program is not without its problems, however, since fertilizer responds to moisture availability. In dry seasons, the lack of moisture could be a limiting factor.

Because of this problem in drier areas, some cattle producers are looking at an alternative called complementary pasturing or complementary seeding.

This practice uses other forages, grasses or legume plants introduced into or used in conjunction with native grass pasturing areas. These additional plants can boost pasture nutrition and produce more beef per acre, says Mark Kilcher, range scientist at the Swift Current Research Station in Saskatchewan.

Kilcher says the principle of complementary seeding comes from the growth patterns of various forage plants. Cool season grasses such as crested wheatgrass, Russian Wild Ryegrass and adapted alfalfa varieties make 80% of their seasonal growth during the first 5-6 weeks of grazing in the spring. Native plants have only 25% of their seasonal growth at this same time.

During the first part of the season, cattle can graze the cool season grasses and later move to the native plants. If the cattle graze only on the native plants during the early season, their nutritional needs will not be fully met and gains could be kept low.

Finding the best plant growth for the Russian Wild Ryegrass and Altai Wild Ryegrass pasture netted a 200-lb. animal gain per acre, Kilcher notes. This was in an area where livestock gains on native range averaged 17 lb. per acre.

Jim Waggoner, an animal scientist at the University of Wyoming, is also studying complementary seeding theories. He claims the benefits from the combination of native range and crested wheatgrass include an increased carrying capacity of the land, more pounds of calf produced per acre, better weight gains and earlier calving dates for cows.

Complementary pasturing also offers a number of benefits from the actual nutrient value of plants to the added capacity for grazing animal units.

It is an alternative that demands the best in management skills, Kilcher stresses. Each producer must decide which grasses or legumes will best complement his existing range or pastureland.

Fertilization and complementary seeding can promote more efficient grassland beef production. However, even these systems would be useless without proper management, the Sperry New Holland report points out.

One of the major limiting factors in native grass management is water availability. Native grass responds to wet and dry years differently than do seeded crops. One wet or dry year only affects the yields that season, but if two or more wet or dry seasons come in a row, the plants will be affected.

Many steps can be taken to better manage the native grass grazing areas. One of those is deferred grazing which involves holding the cattle off native grass early in the grazing season until the plants have matured.

The cattle can use other pasturing areas until mid-season or graze on areas where legumes and other grasses have been introduced into the range system.

Sometimes grassland management comes down to basic economic decisions. Lorenz suggests dropping the rigid schedule of always keeping the capacity herd through the winter and selling the calves the following season. Determining if your grazing areas can stand a full herd is the first step in deciding on pasture management.

Kilcher adds many management tricks exist in good native pasture use, but absolutely nothing is more important than deferred grazing starts, moderate usage and reduced herd carryover.

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Replace your steel pipe with our heavy wall PVC plastic pipe. Forget about rust and deterioration that goes with steel pipe. Lightweight and easy to handle. With our heavy duty plastic collars, a plastic pipe installation is maintenance free. Our heavy wall plastic pipe is far superior than fiber glass. All our previous customers who have put plastic pipe in their windmills, continue to brag about it. Available for immediate shipment in 2", 2½" and 3" sizes. Urethane Permacaps, no leak Urethane Checkballs and Urethane Rod-guides. Lifetime Tank Coatings for steel and concrete tanks, stops all leaks, prevent rust forever. Write or call for our Ranchers catalog. This is our 31st year. We ship same day order is received.

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Amarillo, Texas 79109
806/352-2761

JUNIOR SHOWMAN—A beaming Richard McKown of Norman, Okla., held the plaque he was presented after he captured the junior showman championship at the 1981 National Junior Limousin Heifer Show, held in Des Moines, Iowa.

FRIDAY
SEPT. 25, 1981
12 Noon

Pre-showing for Buyers and Consignors and no-host dinner at 6 p.m., Thursday, Sept. 24 - PAYS Billings, Montana.

6th Annual Montana VIDEO
FEEDER CATTLE CONTRACT AUCTION

Expecting
15,000 HEAD

Public Auction Yards
Billings, Montana

Some Of Our Typical Consignments This Year Include:

600 Black & X-Bred Yrlg Steers Est. Wt 775 lbs. Del: Oct. 1-10
680 Hereford Steers Est. wt: 800 lbs. Del: Oct. 1-10
840 Black & BWF Steers Est. Wt: 775 lbs. Del: Oct. 1-10
840 Black & BWF Heifers Est. wt: 700 lbs. Del: Oct. 1-10
180 YEARLING BULLS Est. wt: 800 lbs. Del: Oct. 5-25
600 OPEN Yrlg Heifers Est. wt: 650 lbs. Del: Oct. 1-5
500 Yrlg Heifers Est. wt: 800 lbs. Del: Oct. 5-10
300 Yrlg Heifers Est. wt: 800 lbs. Del: Oct. 5-10
208 Crossbred calves Est. wt: 450 lbs. Del: Oct. 20
140 Yrlg Steers Angus & Hfd. Est. wt: 735-750 lbs. Del: Sept. 25-30
275 BWF Steer Calves Est. wt: 500 lbs. Del: Oct. 25-30
275 BWF Heifer Calves Est. wt: 475 lbs. Del: Oct. 25-30
141 Yrlg Steers Est. wt: 1050 lbs. Del: Sept. 25 on
245 Steer Calves Est. wt: 450 lbs. Del: Oct. 5-25 - Nov. 1
180 Heifer calves Est. wt: 425 lbs. Del: Oct. 25 - Nov. 1
200 Yrlg Hfd Steers Est. wt: 750 lbs. Del: Sept. 25 - Oct. 1
140 Yrlg Steers Est. wt: 800 lbs. Del: Oct. 15-20
647 Yrlg Steers Est. wt: 850 lbs. Del: Oct. 1
95 Steer Calves Est. wt: 525 lbs. Del: Nov. 15
50 Steer calves Est. wt: 475 lbs. Del: Nov. 10
50 Heifer calves Est. wt: 425 lbs. Del: Nov. 1-10
140 Bred BWF Heifers Est. wt: 825 lbs. Bred Angus Bulls Del: Oct. 15-30
150 Black BWF Bred Heifers Est. wt: 850 lbs. Bred Angus Del: Dec. 1
3000 Yrlg Crossbred Steers Est. wt: 725 lbs. Del: Sept. 15 - Oct. 1
500 Mixed Hfd Calves Est. wt: 425 Strs, 425 Hfrs Del: Nov. 1-5
100 Mixed Longhorn Cross Calves Est. wt: 400 Strs, 375 Hfrs Del: Nov. 1-5
300 Hfd: BWF Steers Est. wt: 725 lbs. Del: Sept. 25
225 BWF & Black Steer Calves Est. wt: 525 lbs. Del: Oct. 25
740 Angus Bred Heifers Bred to Angus, Feb. 15 Calvers Est. wt: 900 lbs. Del: Oct. 10
375 Crossbred Steer Calves Est. wt: 525 lbs. Del: Oct. 20 - Nov. 10
275 Crossbred Heifer Calves Est. wt: 350 lbs. Del: Oct. 20 - Nov. 10
1500 Hfd & BWF Yrlg Steers Est. wt: 750 lbs. Del: Sept. 25 - Oct. 1
300 Yrlg BWF Steers Est. wt: 725 lbs. Del: Sept. 21-25
120 Yrlg BWF Heifers Est. wt: 625 lbs. Del: Oct. 25-30
275 BWF Steer Calves Est. wt: 500 lbs. Del: Oct. 25-30

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PAYS VIDEO
P.O. Box 30759

For Further Information, Contact:
FEEDER CATTLE CONTRACT AUCTIONS
Patrick K. Goggins - Co-ordinator
406/259-4589
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SEPTEMBER 28, 1981
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COMPLETE DISPERSION OF EVERY SOUND 1973 & 1974 FEMALE IN THE HERD
(Except the small number in Transplant)
OVER 325 HEAD SELL IN 195 LOTS

A 1973 daughter of "DYNAMO" her dam is by Emilion 178. She has a heifer calf by "EDUCATOR" and sells bred to "BLAZER"

A 1973 daughter of "DYNAMO" her dam is by Mus Emilion 34. She has a heifer by "SENTRY" and a bull calf by "SENTRY"

FEATURING THE GET OR SERVICE OF:
"ATOMIC"
"SENTRY"
"DYNAMO"
"CORNERSTONE"
"BLAZER"
"1342"
"DEALER"
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"EDUCATOR"
"NUGGET"
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THE LARGEST GROUP OF PROVEN MATURE "DYNAMO" DAUGHTERS EVER TO SELL!

119 "Dynamo" Daughters
40 Emulation 31 Daughters

Plus a select group of Donor Females from our transplant program, and a group of pregnant recipients from some of the greatest females in the Ankony program will sell!

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For catalogs and information, contact the Sale Manager

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Poultry, hog industry profits hurt by high interest rates

Continued high interest rates have squeezed profits in the poultry and hog industries during the last year, according to poultry and hog industry sources contacted by CNS.

Because most poultry companies are large and vertically integrated, the poultry industry carries large inventories and borrows large sums of money, poultry sources said.

Tyson Foods, which produces 3.5 million broilers per week, has an inventory in excess of $75 million, $40 million of which is borrowed, said Gerald Johnston, executive vice president of finance for Tyson.

"Interest rates have a tremendous effect on the bottom line," Johnston said. A big portion of the borrowed capital is carried in short-term debts. It is necessary for Tyson to borrow more capital than before because of high interest rates.

The interest rate charged poultry producers has averaged 17% during the last nine months, Johnston said. Interest charges account for about 3% of the cost of gain at Tyson, he said.

High interest rates have increased borrowing levels, said Roland Rexroth, vice president of finance of Cagle's, Inc., another poultry producer. Cagle's is borrowing twice the level of its equity base. Of the borrowed capital, 50% to 60% is financed through short-term loans and the balance is longer-term. Interest rates paid by Cagle's range from 7% to 25%, he said.

Expected lower grain costs this fall may offset some of the high interest costs, Rexroth said. Revenue has not compensated for the high interest rates, he said.

Inventories such as feed ingredients are kept at a minimum, Johnston said, to reduce interest payments. However, because much of the poultry industry is vertically integrated, production cannot be reduced because efficiency will suffer.

The poultry industry has had to realize interest rates are not going to decline, Johnston said. Many poultry producers were attempting to hold on until interest rates declined.

Some smaller poultry producers will probably begin cutting back because of unprofitability brought on by high interest rates, Johnston said. However, poultry production for the third quarter of 1981 is expected to be up 6% compared with a year earlier, analysts said.

The hog industry also has felt the pinch of high interest rates, along with a sustained period of depressed cash hog prices last year, pork producers and lenders told CNS.

This period of losses was "a little longer and a little rougher than hog producers thought it would be," Keith Van Gilst, an Iowa Hog producer told CNS in an earlier interview. The unexpected jump in interest rates might have broken a few, he said.

Bankers are taking a hard look at cash flow, said Allen Keppy, an Iowa hog producer. High interest rates have been a major drain on cash flow.

Loans for new construction for feeder pig purchases are down substantially because of continued high interest rates, said Charles Nichols, executive vice president of loans, First Central State Bank, Dewitt, Iowa.

Hog producers who have borrowed and expanded in the last few years have experienced large financial losses, said Richard Larson, President of Ottumwa, Iowa, Federal Land Bank. If a hog producer has a land base, he is in better financial shape, he said.

High interest rates have increased the amount of losses during the last year, they said, and as a result, many large hog confinement units have been closed or put up for sale.

***

Big cities were created so a lot of people could be lonely together.

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28th Cowman's Production Sale

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25 mi. east of Springer, N.M.

Approximately 100 Head Sell

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250 CLUB CALF PROSPECTS SELLING

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SATURDAY, OCTOBER 10

4:30 p.m. Central States Fairgrounds

Rapid City, South Dakota

200 steer calves and 50 heifer calves of all breeds and crosses selling. Without a doubt one of the finest offerings of club prospects offered at auction in the United States.

All calves show at halter Oct. 8 and 9, 1981. All purple and blue ribbon calves sell Oct. 10.

All buyers are asked to bring letter of credit from their bank.

For more information contact: Stan Allan • 605/642-3430
Western Junior Livestock Show • Rapid City, S.D. 57701

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Tuesday, October 6 • Billings, Montana

10 a.m. MDT • Public Auction Yards

309 BRED COWS SELL

Every Spring Calving Cow Over Three Years Old Sells

Some of America's outstanding super performance cows will sell in this dispersion. Vermilion ranks fourth nationally in Pathfinder Cows, 30 in number, all of which sell October 6.

We have always put selection pressure on our young cattle. More than 250 cows in the sale are seven years old and younger.

SELLING
Many Mother-Daughters; 1/2-3/4 and Full Sisters
Our Cows are ★Big ★Long ★Fertile
Representing the best in performance bloodlines!

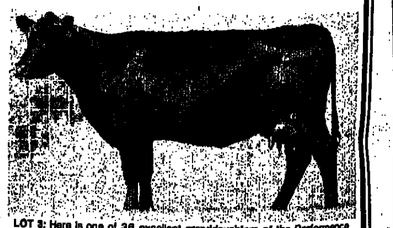
Service Sires include
★Mr Angus ★Chaps ★Hi Guy
★Warrant ★Thomas Country Boy
★HR King Rito

Pre-Sale Get-together
Monday, Oct. 5 • 6 p.m.
Northern Hotel—Sale Headquarters

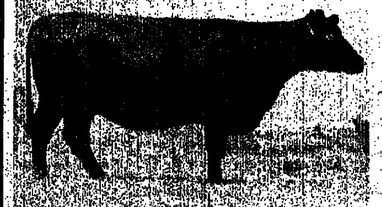
Auctioneers:
Jim Baldridge • Ken Troutt

Bill Riehel
Sale Consultant

LOT 248: An outstanding producer. Daughter of Emulous 2741 of SAR. Many of his daughters sell and they account for many of the best in our herd. Progeny Performance: WR-113, YR-113, BVR-108. Sells bred to Thomas Chaps.



LOT 2: Here is one of 36 excellent granddaughters of the Performance leader, Scheerbrook Shoshone. Progeny Performance: WR-105, YR 105, BVR 104. Sells bred to our exciting new herd sire, Traveler 0123 GDAR the top selling bull at $16,500 in Gartner-Denowh Sale.



LOT 88: Two full brothers have sold for $15,000 and $9,000 respectively in past Vermilion sales. She is one of the best selling. She's a granddaughter of Scheerbrook Shoshone and her dam also sells. Progeny Performance: WR-103, YR-105, BVR-108. Sells bred to Thomas Chaps.

LOT 170: A Granddaughter of Pathfinder sire Sandoler 011 GDAR. He has a Maternal Breeding Value of 107. Progeny Performance: WR-102, YR-100, BVR-102. Sells bred to Mr. Angus.

DELIVERY ARRANGEMENTS: Free delivery of any total purchases of $25,000 or more. Smaller amounts guaranteed not to cost purchaser more than $100 per head for delivery at a central point anywhere in the continental United States provided shipping is arranged for by Vermilion. Ranch sells the purchaser pays the sale clerk at time of settlement.

Vermilion Ranch

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Sale day phone: 406/245-6447

For information contact:
Bob Cook
406/245-6447 or 259-4589
Evenings 406/259-9289

YOUTH MEET IN LOUISVILLE—The 14th annual National Shorthorn Youth Conference was the largest ever as 37 delegates and over 150 junior Shorthorn members representing 20 different junior associations, took part in the week of activities, contests and leadership workshops held in conjunction with the National Junior Shorthorn Heifer Show in Louisville, Ky. Ralph Kaehler, Waldorf, Minn., was elected president of the organization for the coming year.

Limit federal expenditures; main objective of farm bill

The Reagan administration's main objective of the pending 1981 farm bill is to limit federal expenditures for farm programs, U.S. Agriculture Secretary John Block said recently.

"Anything that would be a major Treasury exposure (federal expenditure) would be a potential reason for a presidential veto," Block said in an interview with CNS.

Block would not predict the outcome on the controversial target price issue, which has been a major conflict between Congress and the administration during formulation of the 1981 omnibus bill. He reiterated that if target prices were not eliminated from the House and Senate Agricultural Committee versions of the farm bill, they would have to reduced so that the Treasury would not be susceptible to substantial deficiency payments.

Both the Senate and House Agriculture Committee bills mandate minumum target price levels for the four years of the bill. Those levels generally are sharp increases from current target prices. In the present bill, the agriculture secretary has the authority to set target prices. Block has said earlier that if he had that discretion, he would set target prices at the loan rate, which would assure no deficiency payments.

"Farmers do not believe in a direct dip out of the Treasury," Block said.

Block cited the dairy program as a major worry to the administration. He also said the wheat and rice provisions in the 1981 farmbill proposals were excessive and would have to be reduced.

On sugar and peanuts, Block conceded that the administration had backed away from its earlier goals of dismantling the peanut marketing quota and acreage allotment provisions and of not having a sugar loan program.

"We will let Congress work its will on sugar and peanuts. "We're not going to pressure for the original administration position," he said.

The Reagan administration backed away from both of those provisions in return for conservative Democrat support of the Reagan administration budget and tax cut bills passed this summer.

On the general farm price situation, Block said, "I am deeply concerned about farm prices in general, but I'm not doom and gloom—at least we have a crop."

When asked if taking away target prices was going to leave an adequate "safety net" for the farm economy, Block said the loan rate and the reserve program serve as an adequate safety net.

He said farmers' slowness in putting wheat in the reserve indicated their optimism for better prices. However, Block said he was not concerned at the slow rate wheat was going into the reserve.

A decision on the feed grain reserve program is pending, he said, and he would not reveal when the administration would make a decision on the program.

Block said he did not anticipate changing his decision not to implement production controls for the upcoming 1981-82 wheat and feed grain crops. While he reiterated he would prefer a paid diversion program if production controls were ever implemented, he said he would want to retain the option of a set-aside program.

Cow Palace to be site of Oct. Brahman Clinic

Noted authorities on Brahman cattle will address wide-ranging topics affecting the industry at the Western Brahman Clinic II, to be held during the 37th annual Grand National Livestock Exposition, Rodeo and Horse Show, Oct. 23 through Nov. 1, at the San Francisco Cow Palace.

The clinic, to be held Wednesday, Oct. 28, was introduced last year at the Grand National. The clinic is co-sponsored by the Western Brahman Breeders Assn. (WBBA) and "I" Custom Fitters, Inc. of Wharton, Texas.

Registration begins at 8:30 a.m. in the Cow Palace Sales Pavilion, followed at 9:30 a.m. by welcome addresses from Ron Anderson, WBBA President and Darrel Chapman, Grand National manager.

The clinic will close with a question and answer session and refreshment period. On Thursday, Oct. 29, the Cow Palace will host the second Pure Bred Brahman and F-1 Female sale.

Clinic registration is $20. For more information contact John Joyce at 713/657-2212, or the Cow Palace Livestock Dept., P.O. Box 34206, San Francisco, Calif. 94134, phone 415/469-6071.

This heifer calf by 15 Signal 216 and her mother sell.

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HASTINGS, NEBR.
September 30 • 1981 • 10:00 A.M.

Selling 323 Lots—590 head
250 Spring Pairs—57 Fall Pairs

FREE DELIVERY
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SOULSBY DIVISION

THE LARGEST
Line 1 Dispersion . . . EVER!

Large in numbers and quality!
(Every animal on the ranch sells)

Mon.-Tues. • Sept. 28-29

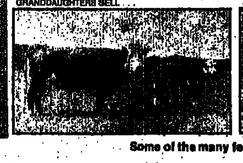
10:30 a.m. at the ranch southwest of

Windham, Montana

DL1 CL1 Domino 8034
Three-quarters interest and full-possession sell. One of 3 bulls in ½ million that have exceeded the 1300 weight at 12 months. A great young bull and considered one of the breed's best. HE, HIS GET AND SERVICE SELL!

L1 SUPER ADVANCE SHR
Performance record-holder at Miles City and a 2330-pound mature bull. NR 119 • GR 131 • YR 126 • DG 3.72 • 1214 lbs. at 12 mos. HIS DAUGHTERS & GRANDDAUGHTERS SELL.

L1 ADVANCE DOMINO SHR
An outstanding son of Jack Cooper's "72215" purchased in dam by Joe Soulsby. A tremendous breeding bull with size & muscle. HIS DAUGHTERS SELL.



Some of the many females in the offering.

SALE AT THE SOULSBY RANCH
LOCATED SOUTHWEST OF WINDHAM, MONTANA. Sale Starts 10:30 a.m.
Lunch on Grounds

CATALOGS AVAILABLE BY WRITING:
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Cattle will have health papers to go anywhere in the U.S.
Transportation will be available to points anywhere in the United.

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STANFORD, MONTANA

United Livestock Brokers, Inc.,
Sale Management
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Ft. Collins, Colo. 80521
303/484-0084

SALE DAY PHONE: 406/566-2706

Market Roundup:

Market aggressive despite slow trade

TRADE ON FED CATTLE was rather slow to moderate through most of this week, as buyers remain cautious in the face of week wholesale beef trade coupled with a continuing moderate federally inspected slaughter rate.

Most buying interests were never very aggressive and very hesitant about carrying large inventories over the long holiday weekend. The best demand continued to center on steers over 1100 lb. and heifers over 950 lb. with lighter weights hard to move and finding only narrow outlets. The market showed only limited numbers of 900-1000 lb. steers and 850-900 lb. heifers returning to feedlots as feeder buyers were cautious and not as competitive for numbers.

The supply of market ready cattle is still very current and average to high choice steers over 1150 lb. and heifers over 950 lb. where found in short supply.

Price trends on slaughter steers and heifers continued rather unoven, with Midwestern terminals and direct trade markets finishing mostly lower.

KANSAS MD. FRAME #1 steers 550-675 lb. $65-68; 700-800 lb. $63-66.50; 800-900 lb. $63-65.50. Heifers md. frame #1 550 lb. $60.50; 670 lb. $59.50; md. frame #1-2 500-625 lb. $57. Oklahoma City md. frame #1 steers 330 lb. $73.25; 420 lb. $76.25; 460 lb. $70; 475 lb. $68.75; 600-600 lb. $63.50-69.95; 600-700 lb. $65.60-67; 700-800 lb. $64-67; 800-910 lb. $63.40-64.80. Heifers md. frame #1 300-400 lb. $68-68.25; 400-500 lb. $55-61.25; 500-725 lb. $58-61.90. Amarillo steers md. frame #1 300-400 lb. $75-78.50; 400-500 lb. $67-72; 500-700 lb. $64-67.50; 700-800 lb. $65.50-67.75; 800-900 lb. $63.50-65.25. Heifers md. frame #1 300-400 lb. $66.25-69; 400-500 lb. $58-62.25; 500-600 lb. $56.25-59.75; 600-700 lb. $56.75-61; 700-825 lb. $56-60. Dodge City steers md. frame #1 500-600 lb. $62.25-66.90; 600-700 lb. $65-67.70; 700-800 lb. $65-68.10; 800-900 lb. $64.50-66.50. Heifers md. frame #1 400-500 lb. $55.25-59.75; 500-600 lb. $56-60.60; 600-700 lb. $60-62.80; 700-825 lb. $59-61.50.

COLORADO STEERS MD. frame #1 325-425 lb. $72.50-79.50; 425-500 lb. $67.75-73; 550-700 lb. $63.50-68.25; 700-800 lb. $63-67; 800-925 lb. $62.75-66. Heifers md. frame #1 300-375 lb. $64-69.75; 500-600 lb. $60.25-63.75; 600-725 lb. $59-62.75. Wyoming, western Nebraska, southwestern South Dakota steers md. frame #1 450-600 lb. $65.50-68.25; 600-700 lb. $64.75-68.85; 700-800 lb. $64.75-67.50; 800-900 lb. $63.50-67.20; 900-1000 lb. $61.75-65. Heifers md. frame #1 400-600 lb. $60.75-64.50; 600-700 lb. $60-64; 800-900 lb. $59-63.75; 900-1000 lb. $62-65. Montana steers md. frame #1 650-900 lb. $62-65. Heifers, md. frame #1 550-750 lb. $58-61. California steers md. frame #1 375-400 lb. $67; 522 lb. $64; 625-675 lb. $62.50-62.75; 725-900 lb. $60-63. Heifers md. frame #1 550-600 lb. $55-56; 600-800 lb. $55-57. Washington, Oregon and Idaho steers md. frame #1 275-300 lb. $64-70; 300-500 lb. $62.50-68; 500-600 lb. $62-65.50; 600-800 lb. $60-63.30; 800-900 lb. $60-64.20; 900-1000 lb. $61-62.50. Heifers md. frame #1 300-500 lb. $53.75-58; 500-600 lb. $52.50-55.50; 600-850 lb. $52.75-58.25.

ARIZONA SLAUGHTER STEERS mixed good and choice 2-3 925-1050 lb. $69-69.50; good with end choice 2-3 950-1100 lb. $68.50-69; 1150 lb. $66.50; mostly good 2-3 1050 lb. $68-68.50; Holsteins $64-64.50. Colorado slaughter steers good to mostly choice #3's 1050-1150 lb. $66-66.75. Heifers good to mostly choice 2-3 925-1025 lb. $64.50-65; mixed good and choice 950 lb. $63. Idaho slaughter steers good to mostly choice 2-3 1125-1200 lb. $66-66.50; Holsteins $58. Heifers good to mostly choice 2-3 850-1050 lb. $62-63. Eastern Kansas slaughter steers choice 2-4 1050-1175 lb. $66.50-67; choice with end good 1050-1075 lb. $66-66.75; Holsteins $58.50-59.75. Heifers choice 2-4 930-1000 lb. $63-65.50; choice with end good 850-1000 lb. $63-63.50; mixed good and choice heiferettes 1050-1125 lb. $60-62. Western Kansas slaughter steers choice 2-4 1050-1225 lb. $66.25-67.50; choice with end good 1025-1250 lb. $65.50-67; mixed good and choice 1150-1300 lb. $64; Holsteins $62-62.75. Heifers choice 2-4 950-1050 lb. $63.50-65.

MONTANA SLAUGHTER STEERS good to mostly choice 2-4 1050-1150 lb. $64.50-65. Heifers good to mostly choice 2-4 925-1000 lb. $61.50-62.

SOUTHERN SAN JOAQUIN, Nevada slaughter steers choice 2-4 1050-1150 lb. $67-68; mixed good and choice 2-4 1000-1200 lb. $66-67.50; Holsteins $65-65.50. Heifers choice 2-4 950-1000 lb. $64.50-65.50; mixed good and choice 2-4 900-1000 lb. $64-64.50. Texas, western Oklahoma slaughter steers good and mostly choice 2-3 1025-1175 lb. $67-67.50; mixed good and choice 2-3 975-1175 lb. $66-67; good with few choice 2-3 1100-1150 lb. $68-68; Holsteins $62-64. Heifers choice 2-3 950-975 lb. $66; good and mostly choice 2-3 900-1000 lb. $64-64.50; mixed good and choice 2-3 875-1000 lb. $63-64; good and choice 2-4 950-1100 lb. heiferettes $60-62. Utah slaughter steers good to mostly choice 2-3 1075-1200 lb. $64-66; Holsteins $59-60. Heifers good to mostly choice 2-3 950-1000 lb. $62-62.50.

SAN ANGELO SLAUGHTER spring lambs choice and prime 90-120 lb. shorn with #1-2 pelts $48-51; few 112-114 lb. $51.75-53.40; 111 lb. wooled $50. Ewes, good $18-21; utility $16-19; cull and low util. $12-16. Sioux Falls feeder pigs US 1-2 30-50 lb. $24-38; 30-40 lb. $35-40; 40-50 lb. $41-45.50; 50-60 lb. $43-48.50; 80-100 lb. $49-57.50.

ALEX MOSTROUS

CENTRAL AUCTION ROUNDUP

(Reports as quoted by markets)

McKINLEY-WINTER LIVESTOCK COMMISSION CO., INC.
Dodge City, Kan., Sept. 3

7,100 head received: Feeder steers, md. frame 1 500-600 lb. $62.25-66.90; 600-700 lb. $65-67.70; 700-800 lb. $65-68.10; 800-900 lb. $64.50-65.50; fleshy 650-950 lb. $64.50-66. Md. frame 1 and 2 600-800 lb. $63.50-66. Md. frame 1 360-500 lb. $63.75-65.50. Feeder heifers, md. frame 1 380-385 lb. $61-62; 400-500 lb. $55.25-59.75; 500-600 lb. $56-60.60; 600-700 lb. $60-62.80; 700-825 lb. $59-61.60. Md. frame 1 and 2 380-450 lb. $57.10-62; 600-750 lb. $57.75-60.50. Slaughter cows, ut. and comm. $38-42.75; high dressing $44-44.50; cutter $37.25-41.75; canner and low cutter $34-36.75. Slaughter bulls, YG 1-2 1300-2050 lb. $51.25-55.75.

AMARILLO LIVESTOCK AUCTION
Amarillo, Texas, Sept. 8

5,108 head received: Feeder steers, md. frame 1 400-500 lb. $66.75-70.50; 500-600 lb. $64.50-67.60; 600-800 lb. $63.75-66.25. Md. and lg. frame 1-2 300-400 lb. $66.50-74; 400-500 lb. $62.75-66; 500-700 lb. $61.50-64.50. Feeder heifers, md. frame 1 400-500 lb. $57.25-60.10; 500-600 lb. $56-59.20; 600-700 lb. $57.25-59. Md. frame 1-2 300-400 lb. $59.25-63.75; 400-500 lb. $55.50-57.25; 500-700 lb. $55.25-56.50. Slaughter cows, cutter and low utility 2-3 $40.50-44.75; canner and low cutter 1-2 $33-40.50. Slaughter bulls, YG 1-2 1300-1625 lb. $54.25-58.

TEXHOMA LIVESTOCK COMMISSION CO., INC.
Texhoma, Okla., Sept. 4

3,119 head received: Feeder steers, choice 250 lb. $63; 300 lb. $75-75.50; 400 lb. $69-75.25; 500 lb. $65.40-66.50; 600 lb. $65.50-67.10; 700 lb. $65.60-66.90; 870 lb. $63.80; 1012 lb. $62.10. Feeder heifers, choice 200 lb. $67-71; 300 lb. $60.25-64, 574 lb. $59.10; 600 lb. $60.60-61.80. Replacements, pairs $475.

EMPORIA LIVESTOCK SALES CO., INC.
Emporia, Kan., Sept. 4

2,782 head received: Feeder steers, choice 250-500 lb. $70-76; good $65-70; common $60-65. Good and choice 500-650 lb. $65-70; common $60-65; 650-800 lb. $63-66; common $60-63; 850-1100 lb. $62-65; common $60-63. Feeder heifers, choice 250-450 lb. $62-65; good $58-62; common $50-55. Good and choice 450-650 lb. $57-61; common $54-57; 650-800 lb. $57-61; common $54-55. Slaughter cows, heiferettes $53-56; ut. $45-50; comm. $42-45; canner and cutter $40-44. Slaughter bulls, ut. $55-58; canner and cutter $49-50; steers and heifers 750 lb. and heavier $63-64. Replacements, stock cows $46-48; pairs $500-575; stocker bulls 500-700 lb. $59-62; 700-1000 lb. $55-57.

PORT CITY STOCKYARDS
Sealy, Texas, Sept. 3

2,623 head received: Feeder steers, md. frame 1 225-300 lb. $82-90; 300-350 lb. $77-82; 350-400 lb. $69-77; 400-500 lb. $65-69. Lg. frame 1 450-500 lb. $64.50-65.50; 500-600 lb. $60-63.50. Sm. frame 1 325-400 lb. $60-63.50. Md. frame 1-2 200-250 lb. $67-92. Md. frame 2 250-300 lb. $60-85; 300-350 lb. $74-79; 350-400 lb. $68-74; 400-450 lb. $62-68; 450-500 lb. $59-62; yearling $57-60. Feeder heifers, md. frame 1-2 200-250 lb. $60-65; 250-300 lb. $57-60; 300-400 lb. $54-57; 400-500 lb. $53-56. Lg. frame 1 525-585 lb. $55-56.50. Slaughter cows, ut. 2-3 $40-44.50; canner and low cutter $37.50-40.50. Slaughter bulls, YG 1-2 1200-1800 lb. $49-56; 900-1200 lb. $46-49. Replacements, heifers 300-500 lb. $63-70.

TORRINGTON LIVESTOCK COMMISSION CO.
Torrington, Wyo., Sept. 4

2,291 head received: Feeder steers, choice 400-500 lb. $64-68; 500-600 lb. $64-66; 600-700 lb. $65-66. Feeder heifers, choice 400-500 lb. $62-65; 500-600 lb. $62-63; 600-700 lb. $61-63. Slaughter cows. $41-48. Slaughter bulls $52-56.

CLOVIS LIVESTOCK MARKET, INC.
Clovis, N.M., Sept. 2

1,371 head received: Feeder steers, md. frame 1 325-435 lb. $75-83; 500-600 lb. $64.50-66.75; 525 lb. $68.40; 600-800 lb. $63.75-65.50. Md. frame 1-2 550-675 lb. $60-63.90. Feeder heifers, md. frame 1 500-600 lb. $57-58.75; 600-700 lb. $55.10-57.75. Md. frame 1-2 345-425 lb. $56-62; 600-700 lb. $50-55. Slaughter cows, ut. and comm. 2-4 $40.50-45; cutter $37-40.70. Slaughter bulls, YG 1-2 990-1640 lb. $49-55.75. Replacements, pairs, md. frame 1 middleaged $480-600.

EL PASO LIVESTOCK AUCTION
El Paso, Texas, Sept. 1

690 head received: Feeder steers, choice yearling 450-800 lb. $64-70; good to md. $58-65. Calves 250-400 lb. $75-92.50; crossbred $75-92.50. Feeder heifers, choice yearling 450-800 lb. $57.50-65; good to md. $52.50-58. Calves 250-400 lb. $65-75; crossbred $60-75. Slaughter cows, ut. and comm. $45-48; standard heifers $57.50-62.50; canner and cutter $35-42. Slaughter bulls, ut. and comm. $57.50-62.50. Replacements, stocker bulls $52.50-65; stocker cows $40-55 per lb.; pairs $475-650.

CENTENNIAL LIVESTOCK AUCTION
Fort Collins, Colo., Sept. 3

600 head received: Feeder calves light weight $98-75; yearling steers 550-650 lb. $66-68. Heifer calves $62-68; yearling heifers 550-650 lb. $60-64. Slaughter cows, high yielding cutter $48-52; medium $44-48; thin $40-43; feeder $38-42; heiferettes up to $59.50. Slaughter bulls, $54-58; high yielding up to $60.25.

SHEEP CENTENNIAL LIVESTOCK AUCTION
Fort Collins, Colo., Sept. 3

2,067 head received: Sheep, spring slaughter lambs choice and prime 105-125 lb. $46.75-48; choice $46.35-46.75. Short spring slaughter lambs, choice and prime 105-107 lb. No. 2-3 pelts $46-47.85; choice 92-105 lb. $43-45.50. Feeder lambs, choice and fancy 65-70 lb. $47.85-48; 72-83 lb. $45-47; 85-90 lb. $44-45.50; good and choice 55-90 lb. $42.50-43.75. Feeder choice and fancy 92-94 lb. $44.65. Ewe lambs, choice and fancy 92-109 lb. $46.25-46.25. Breeding ewes, wooled 120-145 lb. $13.50-15.75 cwt.; 140 lb. $25 per head; broken mouth 90-130 lb. $10-14 per cwt. Breeding bucks, limbe yearlings and twos $67.50-75; 185-340 lb. $65-130 per head.

HOGS CENTENNIAL LIVESTOCK AUCTION
Fort Collins, Colo., Sept. 2

240 head received: Hogs, weaner pigs, 28-60 lb. $18-[illegible]; lighter $13-18 each. Sows [illegible] 400 lb. $41.50-42.75; [illegible] $42.50. Boars $31-32. Fat [illegible] $45-47.50.

—Compiled by VIRGINIA THOMP[illegible]

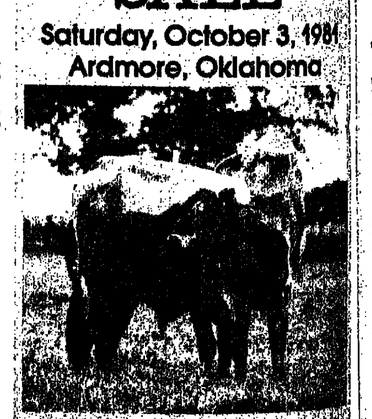
***

What is a weed? A plant whose virtues have not yet been discovered.

Kershaw & Sons
Commercial Cattle Feeders
Charles Kershaw • Dick Kershaw
P.O. Box 75 • 714/344-3146
BRAWLEY, CALIF. 92227

Lemmy Wilson Livestock
Suppliers of Stocker and Feeder Cattle
Office: 615/623-8721
Also have some started calves on hand most of the time.
Rt. 4 • Newport, Tennessee 37821
Lemmy Wilson 615/623-6179 | Dave Cantwell 615/623-3142

MERRICK FARMS SIMBRAH SALE
Saturday, October 3, 1981
Ardmore, Oklahoma



Selling 150 Lots - 100 Females and 50 Bulls (Simmental X Brahman Cross)
Auctioneers: Bruce Brooks and Joe Mitchell
Regale Party 7:30 Friday, Evening of Sale at Home
The Sale: 1:00 Saturday Afternoon
MERRICK FARMS

CHAMPION BULL—Velvet Jack 23M, exhibited by Wells Limousin, Bison, S.D., won grand champion bull honors at the Central States Fair Limousin show. Pictured are: Jerry Fitzgerald (left), Jerry Wells, Brenda Handel, Lana Bahr, Tom Kula and Steve Vackey. Photo by Tom Becker.

WLJ CLASSIFIED CORRAL

. . . SHORT CUT TO PROFITS

ADVERTISING RATES

BY THE WORD: 55 cents per insertion with a 10% discount if ad is ordered for 3 times. 15% discount is all is ordered for 6 times. Include name and address in word count. Count one word each initial, abbreviation, whole number and phone number. Hyphenated words count two. Minimum charge of $7.70

BY THE INCH: $23.00 per column inch per insertion with a 10% discount if ad is ordered for 3 times. 15% discount if ad is ordered for 6 times

NO CASH DISCOUNT FOR PAYMENT IN ADVANCE FOR EITHER WORD OR DISPLAY ADVERTISING.

BOLD RATES: $1.00 more per insertion for having a bold face head and your signature set in bold face type. Word ads only

CONDITIONS

BLACK and WHITE ads only. No photographs or reverses.

EMPLOYMENT WANTED ADS must be paid in advance

DEADLINE: 4:00 p.m. Tuesday for issue mailed Friday and dated the following Monday

LIABILITY: Advertiser is liable for content of advertisement and any claims arising therefrom made against the publication. Publisher is not responsible for errors in phoned copy. Publisher reserves the right to refuse any advertising not considered in keeping with the publication's standards.

COMMISSIONS: Classified advertising is NOT agency commissionable

WESTERN LIVESTOCK JOURNAL

Barbara Wyckoff—Ext. 47
Classified Ad Mgr.

4th Floor
Livestock Exchange Bldg.
Denver, CO 80216

PHONE: 303/623-2800

DO NOT PHONE in response to blind ads. Advertisers' names and locations are confidential. While showing Ad Dept. No. on your envelope and your reply will be promptly forwarded.

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29 Miscellaneous
29A Travel

EMPLOYMENT WANTED 1

EMPLOYMENT WANTED: B.S. Animal Science Degree, nutrition experience. 818/523-0490.

EXPERIENCED RANCH HAND: Married, reliable, inseminator, practical vet. Resume and reference. Call: after 6 p.m., 208/733-8063.

TWENTY-YEAR-OLD, married cowboy seeks permanent job on a large cattle ranch. Prefer a high desert or mountain ranch. Write Ad Dept. 617 c/o WLJ.

MAN, 60-years-old, married, experienced. Wishes job as manager on cow/calf ranch. Will relocate. Call: collect, before 7 a.m. or after 5 p.m., 209/537-7326.

JOB WANTED: Very experienced ranch manager in need of job. 31 years old, married and 3 children. Dennis Alexander, Rt. 3, Lawrence, KS 66044. Phone: 913/842-9666.

EXPERIENCED, MARRIED ranch man, 37, seeking cow/calf or yearling ranch work. Experience with hay equipment, having and irrigation. Phone: 913/899-2657.

MIDDLE AGED couple, no children. Permanent ranch job, not heavy drinker. Phone: 5-9 p.m., weekdays, weekends anytime, 405/753-4303 or write P.O. Box 543, Alma, OK 73718-0543. Available soon.

HELP WANTED 2

RETIRED COUPLE to live on ranch. 2 bedroom home in exchange for caretaking. 707/984-6364.

SOUTHEASTERN UTAH cattle ranch seeks responsible, experienced man for general ranch work. References needed. Phone: 801/678-2662, evenings.

RANCH & FARM MANAGER
Central Colorado mountains requires strong abilities in business, marketing, employee relations, livestock and agricultural management. Business, personal references and resume requested. Annual salary $25,000, vacation, housing, utilities and meat.
Write Ad Dept. 618 c/o WLJ.

Pork-up Your Profits
Advertise in WLJ's Classified Corral.

ASSISTANT/ASSOCIATE Professor of Animal Science
The department of Animal Science at Oregon State University invites applications for the position of Assistant or Associate Professor. This position initially combines teaching (15%), research (35%), and extension functions (50%), but will be reviewed annually and possibly redistributed. Applicants should have a strong fundamental knowledge of sheep/forage production and be able to interpret research results to the sheep industry through an aggressive extension effort. Apply to: J.E. Oldfield, Head, Dept. of Animal Science, Oregon State University, Corvallis, OR 97331, sending transcripts, vita and names of 3 references by September 30, 1981.
Oregon State University is an Affirmative Action/Equal Opportunity Employer and complys with Section 504 of the Rehabilitation Act of 1973.

EMPLOYMENT WANTED 1

COWMAN, 52, experienced: Commercial, purebred, cow/calf, yearling, feedlot, practical vet, pregnancy testing, A.I., general ranch, etc. Non-drinker, smoker. Prefer northwest. John Clark, Sumpter Stage, Baker, OR 97814. Phone: 503/894-2252.

Take Advantage of Our WLJ WEEKLY CLASSIFIED

I'M 47, RETIRED from real estate, auctions, development, livestock business management. I'm bored and need a new challenge. If you have need for a dependable manager, call: Glenn Schwarz, 308/382-5905. Will consider other fields, possible travel.

EXPERIENCED ranch manager: Married, 38, seeks to manage progressive cow/calf operation. Conscientious, hard working. All types irrigation. Alfalfa, grass, grain, hay production. Range, pasture, growing lot experience. Practical vet. Equipment maintenance, welding. Supervisory experience. Economics degree. Excellent references. Absentee owner preferred. 707/996-9482, evenings.

RESPONSIBLE, EFFICIENT single man, 38, experienced purebred and commercial cow/calf A.I., practical vet., calving, haying, irrigation equipment, maintenance, record keeping. A Texas Christian University ranch management graduate. Seeks position as working manager or one with authority, responsibility and advancement potential on diversified, progressive operation. Excellent references. Will relocate anywhere for right job. Bob Cecchini, 1002 Arnold St., Antioch, CA 94509. 415/757-1571.

HELP WANTED 2

OLDER CARETAKER for remote 4 season ranch. Light chores, nice trailer, good meals, small salary. Must like dogs. No phone, no TV. Carter, Box 52, Alamo, NV 89001.

MAN FOR TOP, West Coast, Angus herd. Must be able to fit and show cattle, know heat detection and pedigrees. Top salary paid for right man. Write Ad Dept. 615 c/o WLJ.

RANCH HAND NEEDED: Must have experience with horses, cattle and hay equipment. House and utilities provided. Ted Chamberlin Ranch, Box 218, Los Olivas, CA 93441. 805/588-4461.

WANTED
"Show Circuit Help"
CARL'S Cattle Service
PHONE: 713/396-4283
Experienced Road Help

GENERAL RANCH WORK. Housing, utilities and meat furnished, plus insurance and gas allotment. Close to schools, must be experienced. Job entailes riding, haying and sprinkler irrigation. Nearly new, 14'x70' 2 bedroom mobile home. Near Ely, Nevada. Phone: 702/235-7447.

GENERAL MANAGER for large, northern Utah ranch/farm operation. Educational and practical experience necessary in all phases of cattle, farming, equipment and range operation. L.D.S. family man preferred. Housing, insurance and many other benefits furnished. Salary commensurate with experience. Resume and references required. Write: Ranches, P.O. Box 2370, Salt Lake City, UT 84110. Call: 801/364-3339.

LIVESTOCK RANCHER
Breed and raise Santa Gertrudis cattle, vaccinate, dehorn and brand animals, groom and exhibit animals for stock shows, assist with planting, cultivation and harvesting of feed crops. 2 years academic training in livestock, especially cattle, 6 months experience working with cattle. Must demonstrate knowledge of Santa Gertrudis breed. $1,000 per month salary.
Contact or send resume:
Colorado Job Service Center
3311 S. Broadway
Englewood, CO 80110
Job Order #2283746

LIVESTOCK BRANDS 3A

For Sale
Colorado Brand
Left Side
Best Offer
Over $750
Kenneth Major
Box 972
Magdalena, NM 87825

CATTLE 5

BRAHMAN CATTLE
Registered bulls and cows. All ages, red and gray. Some Polled also F1.
L Bar W Land & Cattle Co.
P.O. Box 839
Hollister, CA 95023
PHONE: 408/637-6870
209/722-5577
408/637-0449
503/882-1223

Word really FLIES when you advertise!

CATTLE 5

LONGHORN BULLS for sale. HAP MAGEE, Danville, California. 415/837-7228.

REGISTERED, POLLED Hereford yearling bulls. Brookhollow Ranch, Hollister, California. 408/637-7221.

REGISTERED, POLLED Herefords, bred cows, open heifers. Excellent quality. Evenings, 916/645-2646.

FOR SALE: Excellent, fullblood Simmental bull, sire Galant, dam by Signal costing over $10,000. Age 2 years. 209/673-1153.

FOR SALE
110 Choice, Brangus heifer calves. Weaned and pre-conditioned. $225 per head. Phone: 918/928-5002.

REGISTERED RED ANGUS
Cows, heifers and bulls
PHONE: 303/688-3559

REGISTERED ANGUS bulls. Semen and production tested. Sunny Brook Ranch, Paso Robles, California. 805/238-0653 or 238-5542.

MAD details can be found above the Classified Corral coupon

FROSTY ACRES POLLED SHORTHORNS
Private treaty starting September 18th, 8 a.m.
Performance tested • Quality controlled
Beef type Polled Shorthorn bulls
FROSTY ACRES INC.,
P.O. Box 142, Adin, CA 96006
Ed, 916/299-3261; Dale, 916/299-3440; Ron, 702/423-4449

GELBVIEH BULLS For Sale
Two-year-olds. One purebred, $1,200. One ¾, $1,100. Pete Gelbvieha, Rt. 2, Box 2652, Orland, CA 95963, 916/865-2513.

EMBRYO TRANSFER
Registered, Polled Hereford embryos transplanted in your commercial cows. 90 day guaranteed pregnancy. Quality bloodlines, choice of sires: For details, call:
Snider Polled Herefords
Evenings, 209/759-3691

DAIRYMEN ONLY
For sale or lease, 500 head springing, Holstein heifers, top quality. Prices quoted, delivered to your ranch. Circle R Land & Livestock Company, Fallon, Nevada. Phone: 702/423-4566.

40
2-Year-Old registered Hereford bulls. Sell in our annual sale, 1 p.m., October 16, 1981 at Valley Springs Hereford Ranch.
John Snyder
1290 Palomo Rd.
Valley Springs, CA 95252
PHONE: 209/772-1266

DISPOSAL: 65 Charolais young cows, some with calves at side, 25, two-year-old heifers open, ready to breed, 30 yearlings, good calves. Cash or trade (property, etc.). Weekdays, call: 213/771-9000 and weekends, 714/926-2677.

TUFF TIMES COWBOY
Why pay more for fancy names and ridiculous claims? Might be time to try a high performing line bred. Black Line One from our sale at Bozeman Livestock Auction, Bozeman, Montana.
TIMBERLINE RANCH
A.C. Jake Callantine
Belgrade, MT 59714
PHONE: 406/388-4543
You can pay one whole of a lot more, but you can't buy any better.

ROCKY RIDGE RED ANGUS RANCH
Production Sale • September 26, 1981
Last Saturday in September
Lunch will be served
Selling approximately 60 head replacement females.
A few weaner bull calves.
The Philhay Family
Rt. 2, Box 98 (6 miles north) Deer Park, WA 99006
PHONE: 509/276-8806

9P
BULLS———BULLS———BULLS
ALL RANCH RAISED BRANGUS
250 Service Age
150 Yearlings
150 Weaned
We also have Brangus cows and heifers for sale.
CERTIFIED ¾ BULLS
Start your Brangus herd today!!!
Breed these ¾ bulls to your Angus cows and get your Brangus calves.
25 to choose from. Contact us today!!
TRIPLE C BRANGUS
Homer Higdon, Manager
Sutherland Springs, TX 78161
PHONE: 512/947-3369; 947-3462.

CATTLE 5

FOR SALE: Santa Gertrudis bull, breeding age. Hill raised. Also, a few heifers. Call: 916/749-3843.

50 PREGNANCY TESTED, young cows, mostly Hereford/Simmental cross. $550. Will deliver. 503/932-4987.

BULLS • BULLS
Purebred Angus, ten, 2-year-olds, twelve yearlings. Phone: 209/865-3407, evenings.

Hereford and crossbred cows and heifers. Bred Herefords commercial or registered. With or without horns in small or large groups.
WYOMING HEREFORD RANCH
PHONE: 307/634-1905

RED ANGUS BULLS REGISTERED
One, 4 years, one yearling. Sale or trade for cattle. 916/652-6491, evenings.

SIMMENTAL COWS For Sale
38 Head of top quality, half Simmental, half Hereford. Sale in call to fullblood Simmental bull.
RISINGER RANCH
Cody, Wyoming
PHONE: 307/587-2008

400 CROSSBRED heifers bred to Brangus and Brahman bulls, start calving February 1st. Young bulls also available. Nevada raised cattle. Jim Andrea, 702/465-2290.

FOR BIGGER, HEAVIER WEANERS
Crossbreed with Santa Gertrudis bulls. 40 sell Tuesday, September 22nd at Producers in Madera, California. Be there!

REGISTERED RED ANGUS
8 pairs, 8, 2-year-old heifers ready to breed this fall. Sierra Red Angus, E.J. Treiter, Rt. 4, Box 306, Porterville, CA 93257. Phone: 805/548-6473.

SUPERCOW: Ten, Brahman/Hereford yearling heifers ready to breed. Five, F1 Certified, three, ¼ Brahman, two ⅜ Brahman. LL Ranch & Cattle Co. Eagle Point, Oregon. 503/826-4534.

SHORTHORN AND POLLED SHORTHORN BULLS
20 . . . head horned and Polled. Big, active.
PHONE: 406/883-4466
LOVELY RANCH
Box 466
Wilsall, MT 59086

ANKINA HERD DISPERSAL
Big, western Canadian, registered Angus and Polled Hereford bred to top ¾ Polled Chiselina Son of Livido. Also, super 1981 heifer and bull calves. See now what you will have next year. Tom Waller, 7/8 a.m., 804/666-6263.

HOLSTEINS
Open, bred and springing heifers and cows. Heifers 3 months to yearlings and yearling bulls. Registered and high grade. Delivery on approval.
HRDLICKA BROTHERS
Livestock Sales, Inc.
Rt. 7, Box 142
Chippewa Falls, WI 54729
PHONE: 715/723-1171

BRAHMAN BULLS
Yearlings and 2-year-olds, Greys and Reds. Our bulls will sire the good, F1, fast growing calves. Bred in the west.
RED BRANGUS BULLS
AVON DAVIS
13870 Ave. 28, Chowchilla, CA 93610. 209/665-2273.

SHORTHORNS: Producing modern beef through the use of the world's largest genetic base. Get all the facts in national breed magazine — SHORTHORN COUNTRY, 6 months trail subscription $3.00 or regular full year $10.00. Write: SHORTHORN COUNTRY, Dept. LJ, 8288 Hascall St., Omaha, NE 68124.

CHEROKEE SANTA GERTRUDIS
Poll semen from Cherokee the Governor & Cherokee Galaxy. Also, horned and Polled bulls and Females.
Come and Visit
CHEROKEE RANCH
Sedalia, Colorado
Tweet Kimball, Owner
20 miles S. Denver—Hwy. 85
PH: 303/688-4600

CATTLE 5

REGISTERED SIMMENTAL: ½ bred heifers. Your choice, $700. Registered ½ bred cows, $600. Phone: 503/567-3035. Hermiston, Oregon.

FOR SALE: 25 yearlings purebred Limousin heifers, 20 Limousin cows. Some pairs, some heavy. Club calves available soon. Loveland Land & Livestock, Inc. 303/669-2003

REGISTERED, POLLED Herefords. Short 2's and yearlings, 30 bulls, 30 heifers. Sire, Son of Superior sire, Alpine 150Z. H.D. Cattle Ranch, Yreka, California. 916/842-3651, evenings.

LONGHORN BULLS
We have a large selection of breeding age bulls and yearlings ready to work
L & L CATTLE COMPANY
Fruitland, Idaho
Evenings, 208/452-4128

LIVESTOCK EQUIP. 5A

FOR SALE
Show Equipment!!!!!!!!
- ★ Sale Ring
- ★ Blocking Chutes
- ★ Feed Troughs
- ★ Fans
- ★ Show Halters
- ★ Blow Dryers
- ★ Miscellaneous Equipment and Supplies

$9,220 value—Make Offer
VALIANT FARMS
Steve Stanley
PHONE: 916/268-0552
916/268-0298

EXOTIC ANIMALS 5B

YAK RAISING and CROSS-BREEDING. Information: P.O. Box 734, Newcastle, WY 82701.

BUFFALO for sale: Calves, yearlings, breeding stock. Also, American breed cattle. Berger Bison Range. 208/733-5891.

HORSES, JACKS, MULES 8

1977 REGISTERED PAINT: Color, conformation, action consense breeding. Grand daughter of Echo's Dandy. Well started. Excellent cutting, reining, halter prospect. $3,000. 209/722-8478.

FOR SALE: Good foundation mares. Poco Bueno, Leo, King, Joe Reed, Three Chicks, etc. Some have colts on side, some bred to Poco Joe Cody, which is also for sale. Odell Blackwell, Rt. 1, Iowa Park, TX 76367. 817/592-6225.

Chicken Lips!
Well . . . Just about anything can be found in WLJ's Classified Corral.

EIGHT AQHA GELDINGS, 2 and 3-year-olds, ranch raised, well started. 40 head yearling colts and fillies, 60 head weanlings. Working bloodline. Also a few nice Paint colts. Leonard Brooks, 20 miles east Oakdale, California. 209/984-5548.

CONSIGN NOW!
to J. Ralph Bell's "FALL FESTIVAL" QUARTER HORSE SALE
December 20, 1981
Pomona, California
Selling: Weanlings, Yearlings, Broodmares, Horses of Racing Age.
ENTRIES CLOSE OCTOBER 15th
Contact: J. Ralph Bell
4500 Campus Dr., Ste. 209
Newport Beach, CA 92660
PHONE: 714/549-2656
714/759-0311
NO ONE DOES IT BETTER!

DOGS 9

FOR SALE: Purebred McNab puppies, bred to work cattle or sheep. Write: Glen Fink, Rt. 8, Box 620, Lakeview, OR 97630. Phone: 503/947-4765.

REGISTERED ENGLISH Shepherd pups. Black and tan. The ultimate in family protection and the best in all around farm dogs. Instinctive workers. $150 each or $250 per pair. Phone: 503/358-5791.

THE TIME IS HERE TO GO MAD
Find all the details regarding MAD above the Classified Corral's coupon.

DOGS 9

McNABS: Started dogs, 2-month-old pups. Call: after 6 p.m., 209/826-2361.

YEAR-OLD, registered, female Border Collie. Works cattle or sheep. 916/678-2479.

WANTED. Australian Shepherd pup. (no Queensland) to be a good family watch dog. Call: 702/753-6437 in Lamoille, Nevada.

PREDATOR PROBLEMS?
NATURAL CONTROL With KOMONDOR DOGS

NOW TAKING DEPOSITS FOR FALL LITTER
Griffin Komondorok
Rt. 8, Box 264
Silver City, NM 88061
PHONE: 505/538-2511

LIVESTOCK WANTED 11

BRAHMAN CROSS and English bred stock cows. 602/268-0275. Bill Roer.

WANTED: 500 to 600 head cattle to winter on corn silage and alfalfa in north central Nebraska. 402/967-3452.

IF YOU HAVE good, sound, large framed, 1,000# plus, open, Charolais cross, Holstein cross or exotic cross cows, Rio Vista will pay you a premium. Truck load minimum only. Call today: 512/677-8014.

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J. William Murphy & Associates
Consulting Appraisers
Rural Specialists
Condemnation—Estate Appraisals
Call Collect: 714/628-5517
5563 Riverside Dr., Chino, CA 91710

PACIFIC Farms and Ranches 13

FOR SALE: Yakima Valley, 65 acres. $180,000. Modern, 3 bedroom house, full basement, 40 acres in alfalfa, some cattle facilities. Piped for mint, asparagus, fruit, etc. Owner financed at 9%. Phone: 509/837-8376.

AUCTIONS 10

LAND AUCTION
1,924 Acres of farm and ranch at Midvale, Idaho. Saturday, September 19, 1981 at 11 a.m. sharp. 474 acres of grazing land, 150 acres of dryland alfalfa, 1,300 acres of farmland will be auctioned in 8 parcels. Has a 1080 new home, in an area of goose, deer and elk hunting. A good Idaho location. Will be sold with owners conformation.
Write or phone for brochure with complete terms and conditions
John Hull, Auctioneer
P.O. Box 820, Sisters, OR 97759
PHONE: 503/549-7021
Call toll free in Oregon
800/452-4124
Auction headquarters are Grigg Brothers & Butler
1036 SW 4th Ave., Ontario, OR 97914
Broker, Gary Goodfellow
Office: 503/889-3181
Residence: 503/889-6243

PACIFIC Farms and Ranches 13

540 ACRE cattle/alfalfa ranch, northeastern California. Under $1,500 per acre. 230 acres under new irrigation system. 10 acre pond, lots of water. McArthur Realty, P.O. Box 147, McArthur, CA 96056. 916/336-5563.

Northern California: 6 parcels of good, low elevation, well watered winter range. 2,000 acres to 9,000 acres. From $380 to $460 per acre.
RAY COX, Ranch Realtor
916/833-5560, "Anytime"

CENTRAL OREGON
1,380 Acres good range land, fenced, good livestock water, corrals, loading chute. Also has BLM grazing lease. Located 35 miles south of Prineville, Oregon. 50 miles east of Bend, Oregon. Price: $220,000, $50,000 down, balance 40 year terms at 10% interest. Shown by appointment after financial credentials have been established
RICHARD NELSEN
Roberts Route
Prineville, OR 97754
Phone: Pine Mountain
Toll Station No. 5270

EASTERN OREGON cattle ranch. Operating pioneer family ranch, 24,476 total deeded acres, 913 acres wheatland, 303 acres irrigated hayland. 215 head forest permit, 3 drilled wells plus creek water rights, good fences, 4 houses, several corrals and outbuildings. Complete year around operation with very little feeding. Designed and fenced for easy management. Cattle and equipment available separately if desired. Contact: Jack Tippett, Tomlinson Agency, Inc., 744 5th St., Clarkston, WA 99403. 509/758-4000 or evenings and weekends, 509/758-6852.

CENTRAL OREGON EMPIRE
17,000 Deeded acres 65 miles north of Bend on U.S. Highway 97. 2.5 hours from Portland. Good bunch grass, year around grazing, elevation 2,560'-3,360'. About 14" precipitation. Carries 550 cows plus heifers and bulls or would make good yearling deal from November to April. Dry farm potential on 2,500 acres. Overlooks Deschutes River Valley. Upland birds, mule deer, elk.
Great investment at $105 per acre! Asking $1,800,000 with $540,000 down. Balance 25 year amortization and 11 year balloon at 9.5% interest for strong buyers. Seller motivated. Wants to move by December 1st. All details available. Brokers welcome.
C. PATRICK BATES REALTY, INC.
370 E. So. Temple, Salt Lake City, UT 84111
801/521-4259, Days • 801/376-4428, Evenings.
Oregon Co-Broker
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WORKING COW RANCHES
Rogue River Valley, Southern Oregon
1,300 Feet elevation in the valley floor, 23 inches average rainfall.
These and Others!
DAIRY
LORIN AND SHARON BOSCH DAIRY
90 Acres of good plow ground under irrigation, 6 stanchion Herringbone parlor, 850 ton bunker silo, 2 hay barns, 110 loafing free stalls, calf barn with tree stalls, concrete pit with pump with special nozzle to sprinkle 300 foot circle on pastures. This dairy has earned trophy for milk quality. Nice, 3 bedroom, split level, 2 bath home, inground pool, 2-story, older home on paved road with school bus and mail by front gate, elementary and high schools and veterinary within 4 miles. Taxes and irrigation, $4,300. Selling price, $450,000.
STOCK COW RANCH, TIGHT FENCES
Now is the time to look, some operations are out of water. 355 acres of lush, high producing grass and clover under irrigation, the cows are fat. New corrals Powder River crowd alleys, gates and chutes. Close to city of Eagle Point. Neat, 3 bedroom home, barns, sheds under good roofs. 428 total acres. $1,020,000.
CHUCK HAWES POLLED HEREFORD RANCH
148 Deeded acres, show barn, pole construction, 25 feet high, concrete floor, 12'x16', wash rack, concrete block walls with ties, good lighting, 5 pens, pole structure off barn with individual feed bunkers and automatic waterers. Insulated service room, telephone, electric underground. Best of all, live in comfort; 2,600 square foot, 4 bedroom, 3 bath, 2 fireplaces, electric forced air heat, thermopane windows, 2 bedroom caretakers home. 80 ton hay barn, corrals, 3,000 lb. scales. 3 stall horse barn. $295,000. Taxes, $1,200.
WRITE:
CASCADE REAL ESTATE
10885 Hwy. 62, Eagle Point, OR 97524
PHONE: 503/826-3856.

PACIFIC Farms and Ranches 13

FOOT OF CASCADES
215—1,000 ACRES
Close to Albany, Oregon. Beautiful grazing land, forest, springs, irrigation. Ideal for cattle, horses, sheep, dairy, raspberries, Christmas trees, etc. Includes 3 homes, 4 barns and furnishing. Call: owner/agent, 714/840-7210.

320 ACRE ALFALFA RANCH. Last year produced 1,000 tons. 3rd cutting tested 21 plus % protein. 3,500 gpm well (966 gpm artesian) plus 75 gpm domestic artesian well. 7-year-old, 1,600 sq. ft., 3 bedroom, 2 bath home. 300 ton hay barn. (5) ½ miles wheel lines. Exceptionally low, locked-in power rate.
RANCH RESEARCH REALTY
Klamath Falls, Oregon
PHONE: 503/882-0544

INDOOR HORSE ARENA: Metal construction, 300'x160' lighted show arena, P.A. system, chutes, 34 box stalls, large parking area, 10 acres of land, movable bleachers. Will exchange for ranch property. Good net income. $526,000
We have farms, dairies and ranches available. Call for more information
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P.O. Box 357, Ontario, OR 97914
PHONE: 503/881-1441

Eves: Ray Novotny	Salesman	503/262-3294
Lem Wilson	Salesman	503/889-9347
Glenda Hoffstetter	Sales Assoc.	503/889-2400

"EASTERN OREGON"
240 Acres North Powder area, 200 acres cultivated and irrigated. Pressure gravity system. Presently in alfalfa $350,000 Contact terms
380 Acres 25 miles from La Grande. Creek, timber, fenced, bordered on 2 sides by forest service. $133,000 Contract terms
440 Acres close to Minam River. Good grazing, partly timbered and excellent hunting area $300,000 Contact terms.
Excellent 719 acre farm, approximately 587 acres cultivated and irrigated 2 homes and numerous outbuildings. Presently in grain, hay and seeds. Call for details
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1502 N. Pine, La Grande, OR 97850
PHONE: 503/963-7900

TWO EXCELLENT OPPORTUNITIES IN NORTHERN CALIFORNIA
310 Acres in gently rolling land presently farmed in cereal grains. 2 wells and 5-1/4 miles wheel lines provide irrigation on good soil. No home, build where you want. An excellent value at $295,000.
240 Acres, 105 in alfalfa, 50 of grain. 25 more acres of excellent soil, 55 more could be developed for pasture. 2-1/4 miles and 1-1/8 mile wheel lines plus 4" and 3" handline pump and mainline. An excellent, 24'x64' mobile home. $320,000. Super terms!
LeQuieu and LeQuieu, Inc.
REALTORS®
6408 S. 6th St., Klamath Falls, OR 97601
PHONE: 503/882-4469

WATER • WATER • WATER
KLAMATH BASIN RANCHES
2,000 Acres, 900 Irrigated. Good improvements. $2,440,000.
4,180 Acres, 850 Irrigated. Farm equipment. $1,250,000, owner financing.
370 Acres, 330 Irrigated. No improvements. $850,000.
105 Acres, 100 Irrigated. New improvements. May be purchased with above 370 acres. $275,000.
400 Acres, 275 Irrigated. 2 homes. $775,000.
160 Acres, 175 Irrigated. River frontage $383,000.
278 Acres, 250 flood irrigated. $381,000.
633 Acres dry farm. Nice home and shop. $425,000.
120 Irrigated acres, feedlot, nice improvements. $365,000.
175 Acres recreation property. River frontage. $125,000
Bob Horton, Broker
Ray Petersen, Lets Conner
503/882-6679 24 Hours
HORTON RANCH REALTY

High Country Alfalfa Farm
960 Total acres, every acre is deep sandy loam soil. High production, good TDN and protein. 820 acres irrigated under 6, newer pivots on lease. 4, excellent wells, only need 3 to irrigate. 4, good mobiles with cement floored shop. Only $1,524 per irrigated acre and that includes complete haying equipment. $1,260,000 with terms. Ask for our complete brochure.
Have You Considered Being The Proprietor Of A Country Store?
You'll be in the heart of southern Oregon's cattle and recreation country. You'll sell groceries, sporting goods, some hardware, with new gas pumps in front. The store is complete with all shelves and equipment and has a 3 bedroom apartment. The ledger shows $200,000 plus in gross sales for 1980 with $25,000 plus net to owners. Only $35,000 down plus inventory and terms. $140,000 is the total investment. Ask for our Commercial Flyer.
LeQUIEU & LeQUIEU, INC., REALTORS
6408 S. 6th St., Klamath Falls, OR 97601
PHONE: 503/882-4469

PACIFIC Farms and Ranches 13

CENTRAL OREGON CATTLE RANCH
Bend, Oregon
- DEEDED: Approximately 4,700 acres.
- IRRIGATED: 300 acres plus.
- WATER: Excellent supply, main canal from Deschutes River flows through ranch.
- PERMITS: Private permits on 20,000 acres, top quality grass.
- IMPROVEMENTS: 2, excellent homes, 1 over 4,000 ft.
- CORRAL/FEEDLOT: 500 head feedlot.
- SCHOOLS: Best school facilities, all sports, high scholastics. Bus to door.
- CAPACITY: 500 pair year around.
- HUNTING AND FISHING: Trout, birds, mule deer in abundance.
- PRICE: $1,500,000. Terms to qualified buyers.

CENTRAL OREGON PUREBRED CATTLE RANCH
Attractive purebred ranch, mild climate, best location. Willowdale, Oregon
- DEEDED: Approximately 1,300 acres
- IRRIGATED: 180 acres, approximately 100 acres dry farm, 100 crested wheat seeding.
- WATER: Free water year round creek 1879 rights.
- IMPROVEMENTS: Attractive, 3 bedroom, 2 fireplace home, nice setting on high knoll surrounded by trees at foot of mountain
- BARN: Large barn, corrals, pens. Good fencing.
- SCHOOLS: Good schools, bus to door
- CAPACITY: Running 100 pair purebreds, can be increased.
- HUNTING AND FISHING: Trout, birds, mule deer on ranch
- PRICE: $495,000. Terms to qualified buyer.

Call or Write: DICK ELLIOTT
ARNIE SWARENS TOWN & COUNTRY REALTY
P.O. Box 587 • Bend, Oregon 97701
PH: 503/382-3333 • 503/382-3672 Eves.

CENTRAL OREGON RANCHES
Leaseback, great fax shelter, 1,330 acres, 686 under pivots, top production. $1,640,000, exchange or terms.
570 Acres, 347 on pivots, excellent soil, water. Exchange or terms $965,000
314 Irrigated acres, diversified, 2 homes, barns, corrals, live stream $661,500, good terms ($140,000 gross last year)
109 Irrigated acres, home, creek, view, excellent producer. $300,000
GOODWIN BROTHERS, INC. REALTORS
P.O. Box 460, Sisters, OR 97759
PHONE: 503/549-2931

"To market, to market, to buy a new pig... Home again, home again, in my new rig."

Pendleton, Oregon: Diversified farm and feedlot. Good winter area. 400 acres, 326 tillable, 325 irrigable from river, creek, and well. $850,000. Price based on independent appraisal
Central Oregon Cattle Ranch: 5,747 deeded, 200 head forest permit. Additional leased land available. Good summer country. $650,000
CALL: McNAMER LAND COMPANY, INC.
RANCH REALTORS
503/963-8800; 963-8616; 276-2035, Evenings

BEAUTIFUL JOHN DAY VALLEY RANCH
One of the most beautiful working cattle ranches available with large barn, nice corrals with scales, feedlot area with shelter, equipment storage area with shop, large airplane hangar, 2 homes, the larger house is an older home with all the modern conveniences, including Jen Air, microwave, whirlpool bath and much more. The property has over one mile of the John Day River going through it with approximately 200 acres alfalfa irrigated by 6 wheel lines with a yield of approximately 5 tons per acre, 240 acres irrigated pasture, some flood irrigated, one pivot and one wheel line plus approximately 1,160 acres hill grazing land. All land is deeded. $1,400,000
For Appointment, Call Owner, 503/932-4867

LAKE COUNTY
Old Family Owned Diversified Ranch: 1,800 acres all irrigated north flood and free water. Cattle, hay, grain. Good equipment and buildings. $2,388,000. Excellent terms. Broker owned.
Commercial Geothermal Greenhouse Operation: Great terms or would consider a lease option
1,200 Pair for 6 Months: 1,900 m/l, deeded acres, 2,000 acres m/l, riparian, 1,000 acres irrigated plus riparian. Excellent terms
337 Acres: On year around stream. 110 acres irrigated alfalfa, 150 acres irrigated, improved pasture, 77 acres dry pasture. $340,000.
1,000 Cows plus 1,000 Yearlings: The year around on approximately 5,400 acres mostly all irrigated and sub-irrigated. 2,500 tons of hay and equipment at market.
FAVELL UTLEY CORPORATION
P.O. Box 1071, Lakeview, OR 97630
PHONE: 503/947-2161; Evenings, 947-2913, 947-4438

"Here's an ad that says "Wanted: a male bovine, pasture mate—lots of shade and fresh water and tall grass—signed a cow."

PACIFIC Farms and Ranches 13

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California and Oregon, row crop, alfalfa, almonds, walnuts, grapes, cattle, recreation. Write Ad Dept. 620 c/o WLJ.

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209/784-1000
528 West Grand
Porterville, CA 93257

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We have picturesque cattle ranches, irrigated alfalfa and grain land and good developable farm land priced from $500,000 to $15,000,000. Call us for details
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FOR SALE: 6,700 acres development property close to shopping areas and markets. One acre minimum. Applied for RM-2 zoning. Approximately 600 acres potential and approximately 32 center pivots. Extremely productive area and climate. Information: Golden Rule Farms, 999 North Main, Prineville, OR 97754. Phone: 503/447-4101 or 503/576-2273, 9 a.m. to 5 p.m.

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With up to $25 MILLION to invest in Farm & Investment Property immediately. Call Ed Peelman, collect, anytime
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Classified Advertising

CENTRAL OREGON
450 Acres northwest of Bend. This ranch has 200 irrigated acres. Large, recently remodeled, ranch home, barn, shop and other outbuildings. Irrigated well and District water rights. Grazing rights on adjacent federal land, cattle, hay and grain. Beautiful views of Three Sisters, Mt. Jefferson and Mt. Hood. $800,000. Cash to assumable loans. Adjacent ranch available for larger operation
SEEK, INC., 423 SE Oak, P.O. Box 1488, Roseburg, OR 97470.
Phone: 503/672-5432 or 503/672-0829, Bill Stiles, Broker.

OREGON AFFORDABLE ACREAGE

100 Acres—30 Acres Irrigated	$225,000
101 Acres—Year Around Creek, Gentle/Rolling	$ 75,000
89 Acres—Almost All Level, Excellent Terms	$ 75,000
244 Acres—Tree Farm with 32,000 Christmas Trees	$315,000
687 Acres—320 Irrigated, 6 Barns, Showplace	$1,150,000

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PHONE: 503/459-2201 or 459-4379

JOAQUIN MURRIETA HIDEOUT
460 Acres southwest Fresno County, adjacent to government land, 3,000 ft. elevation, good hunting. $335 per acre. Small down, owner will carry.
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SOUTHERN OREGON
160 Acres near Klamath Falls. 150 irrigated, all in pasture. Nice home, 2 bedrooms and outbuildings. $316,000. Terms.
Call: Don Kirkpatrick
Evenings, 503/884-9766
CHUCK FISHER & ASSOC., INC.
403 Main Street
Klamath Falls, OR 97601
PHONE: 503/884-1717

NORTH CENTRAL OREGON
Wheat, Alfalfa & Cattle
4,480 Acres of which 490 acres irrigated by pivot, 865 acres dryland wheat and 3,122 acres in rangeland. High production with low costs. Price: $1,600,000. Terms. Very efficient and profitable unit with good depreciation schedule.
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250 HEAD OUTFIT
1,650 Acres deeded of which approximately 700 acres are in good crested wheat, 200 acres in wild meadow hay. Also includes private allotment of approximately 20,000 acres usable. All fenced. Priced to sell at $535,000. Good terms available.
For appointment, call or write:
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P.O. Box 391, Burns, OR 97720
503/573-6023, ask for Tom or evenings, 503/573-2342

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EASTERN OREGON RANCH
1,300 Acres irrigated, top grade, alfalfa ranch with excellent soil, production and market records. Price includes all irrigation and farm equipment on ranch. Perfect absentee owner, low cost operation with way above average return on investment. Price: $1,500,000. Flexible terms and exchanges. Other interests necessitate quick sale. Don't miss this one.
CALL: Bob Young, evenings, 503/882-4143
ERA-DURANT, REALTORS®
2340 S. 6th St., Klamath Falls, OR 97601
PHONE: 503/882-8355

80 ACRES CLOVER LAND
Well located corner property near major freeway. Lots of road frontage. San Joaquin Valley.
2,953 ACRE RANCH
Northern California. $400 per acre. Native pasture, lots of oak trees, corrals, ponds. 25-29% down, owner carry.
25 ACRES—3 PARCELS
3—5—17 Acres. Installment sales. Near Sacramento.
ROSE MARIE REALTY
100 N. Cherokee Lane
Lodi, CA 95240
PHONE: 209/334-1642

Create Interest ADVERTISE

DEVELOPMENT PROPERTY
640 Acres more or less. Excellent sandy loam soil, 1/2 cleared and planted to dry land rye, 1/2 into tall sage brush. Area known for producing dairy quality hay. 25 miles east of Burns. Price, $360 per acre. Owner financing at 10% interest.
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Burns, OR 97720
503/573-2621, Office
503/573-2955, Evenings
or 503/573-5627

PACIFIC Farms and Ranches 13

CLOVER RANCH
747 Acre irrigated clover ranch in southern Sacramento County. Excellent water plus potential option right. Assumable F.L.B.A. loan. Capable of row crop, nice or vineyard. Asking: $2,500,000.
Call: Phil Balmat
MARDEE-BALMAT, INC.
P.O. Box 7358
Stockton, CA 95207
PHONE: 209/951-1500

COMPARE CATTLE RANCH
Linden, California: 39 plus acres handles 50 pair or 60 feeder steers (or up to 100 horses). A working cattle ranch now. $40,000 down possible OWC. $247,500 sale price.
JOHN SPATOLA REAL ESTATE
PHONE: 209/474-8022 or 477-6664

INTERMOUNTAIN Farms and Ranches 13

400 HEAD RANCH in central Nevada. No winter feeding. Call: 702/423-7927 in evenings. No brokers please.

The Classified Central—Your independable, reliable source of information as to what is being sold or what is for sale.

SOUTHERN IDAHO RANCH/DRY FARM
2,720 DEEDED ACRES: Malta, Idaho. 320 acres irrigated land, 620 acres dry farm and balance grazing. 80 acres additional could easily be developed to irrigated land. 275 pair presently running on ranch. Forest and BLM for summer grazing. Includes 200 head of cows plus bulls. Seller will carry contract. $670,000.
FARM/RANCH COMBO
610 DEEDED ACRES: 20 miles south of Burley, Idaho. 265 acres under pivot and wheel lines. Canal company water and small deep well. 99 head cattle permit on forest and BLM. Additional ground could be developed. 2 homes and other improvements. Liberal terms. $825,000.
SOUTHERN IDAHO REALTY
P.O. Box 1048, Burley, ID 83318
PHONE: 208/678-1116
Evenings, David R. Price 208/678-2840
Boyd R. Poulton 208/678-0910
FLI FARM AND LAND INSTITUTE

NEVADA
22,000 DEEDED ACRES. Over 650,000 acres BLM, 32,180 AUM's. Good water, 2, large dams. All rights on 6 creeks PLUS. Large irrigation wells pumping from 1,500 GPM to 3,500 GPM. Low pumping cost with Harney Electric. 1,500 Acres in alfalfa (approximately), 2,000 acres meadowland OPEN area for wells. 1,000 Acres or more additional acres can easily be put into alfalfa. GOOD IMPROVEMENTS, 2 airstrips. Priced at $6,325,000. (Cattle at market price).
FEEDLOT—ALFALFA & GRAIN
840 ACRES: 700 acres laser leveled and in alfalfa and grain. Flood irrigation: Low, low cost. 15,000 Head capacity feedlot with mill (Both in good repair). Excellent feeding conditions. Prime location. Priced at $6,250,000 with terms to qualified buyer.
ALFALFA ACREAGE
460 ACRES ALFALFA. Cutting 7 tons per acre. One of the best seed areas. Two wells, plenty of water, electricity from Harney Electric. Grossing $325,000 per year. Price: $2,000 per acre. ½ Down with terms to qualified buyer.
FOR THESE AND OTHER NEVADA RANCHES
JACK UTTER
Licensed Real Estate Broker
P.O. Box 337, Reno, NV 89504
PHONE: 702/323-1026

K-BEE REALTY
IN OWYHEE COUNTY, IDAHO
915 Acres contiguous with the Snake River with three, 3 bedroom homes and a 2 room home, 2 machine storage sheds with shops, one, 60'x80', one, 40'x60', 19,600 bushel grain storage, 2,500 ton silage storage, 10 ton livestock scale, 1,700 head feedlot. Land is irrigated from concrete ditches and sprinkled. Stock water is provided from an artesian well. This property is located in southwestern Idaho ranch country, approximately 40 miles from Boise. The present owner has a successful custom calf growing business through late fall, winter and early spring months. Approximately $240,000 of assumable at 9¼%. Balance after down carried by seller over 20 years at F.L.B. rates. Price: $1,585 per acre including improvements.
315 Acres development or recreational property in beautiful Garden Valley. Approximately 1 hour north of Boise, Idaho. More land can be added. Owner will consider exchange for cattle ranch or sale of parcels. This area has extensive development projects in progress. Owner financed, excellent terms.
1,640 Deeded acres, m/l, combination dryland wheat farm and cattle ranch. Excellent house plus numerous good outbuildings. 9 miles north of Weiser. Would make excellent low cost winter cattle ranch. Excellent, assumable contract. Owner will consider additional contract. $638-500.
1,160 Deeded acres, m/l, 360 acres irrigated row crop and grain land. Good house, excellent shop, 13,200 bushel of new steel grain storage. Farm has cattle or horse potential. Frontage on Weiser River, excellent bird hunting. $798,000. Owner will consider selling in 2 parcels.
K-BEE REALTY
1070 N. Cole Rd., Boise, ID 83704
PHONE: 208/378-0666 or 378-0668
K.B. "Ken" Nelson • Dave Campbell • Richard Reinke
208/938-0672 208/377-4656 208/466-2488

INTERMOUNTAIN Farms and Ranches 13

WESTERN FARMS/RANCHES
Row crop, 100 to 1,000 acres. Cow ranches, 100 to 4,500 head. New free enterprise, licensed in Idaho, Montana, Nevada, Oregon, Utah and Washington. Tell us what you want.
Dial: 208/345-3163
P.O. Box 906
Boise, ID 83702
ROBISON REALTY, INC.
Bill Knipe/Don Withers

BLIND BOX ADVERTISERS: Display ads, include $2.00 PER INSERTION for cost of forwarding replies

2,500 ACRES
2,200 Irrigated. Beets, potatoes, beans, grain and hay. Nice, 6 bedroom home. Snake River water. Low lift. Good combination farm. $528,000
320 Irrigated with wheel lines. New home, shop and granary. Good soil. $305,000
100 Acre dairy. Double Herringbone will milk 400 plus cows.
AREAL BARGAIN
480 Acres, 300 plus gravity irrigated Snake River water. Remodeled, 3 bedroom home. Terms by owner. $1,570 per acre
$1,200 PER ACRE
306 Acres, approximately 280 irrigated. New home, shop and granary. We have others. HOFER REAL ESTATE, Mountain Home, Idaho. Stan Scott, 208/587-8471, days; 208/587-5034, evenings.

IDAHO MOUNTAIN RANCH
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Boise, Idaho

FOR SALE: Idaho Cattle Giant. Carry 1,500 animal units 9,950 deeded acres, 22,000 BLM and forest private allotment. 1,600 acres irrigated. Extensive depreciable assets, including 19 stall, indoor arena barn, 900 head feedlot and 5,000 sq. ft. lodge
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400 HEAD	1,300 Acres	$ 900,000
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MOUNTAIN Farms and Ranches 13

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RANCHES or PASTURE WANTED 15

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EASTERN Farms and Ranches 11

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Silver City pharmacist gets good Bloat Stop test results

Like a grim specter, bloat has forever haunted stockmen brave enough to graze their cattle and sheep on cheap, protein-rich legumes. In the long run, bloat has come out on top, either killing hundreds of cattle and sheep each year, or seriously diminishing the productivity of the livestock that lived.

In recent years stockmen have found aid through pharmaceutical research. Modern science has discovered a cure and preventative to break down the mucous formation that gathers in the rumen after grazing luguminous crops like alfalfa and clover. As with any sure cure, there have been problems with these surfactants that have been discovered.

Now, however, bloat protection may be reaching that 100% effective level, according to research being conducted by Larry Griffin of Silver City, N.M. His approach rests on the assumption that cattle and sheep have to drink water and there must be a palatable chemical that can be administered in a controlled condition through the water system.

Griffin, a pharmacist by profession, became interested in alfalfa grazing in 1972. "In 1972," he stated, "I read an article in a Lubbock, Texas newspaper on bloat preventative that interested me. My brother, Monte, and I were both looking for a method to increase production of forage with livestock production. Profits from grazing cattle or sheep per acre would greatly outperform other types of cash crops, because of the number of head grazing per acre. Alfalfa produces as much or more protein per acre than any crop we know."

The stumbling block in grazing alfalfa, of course, was the bloat problem. Different forms of bloat protection were not working 100% and were costing in the neighborhood of $0.35 per head per day. As a pharmacist, Mr. Griffin was knowledgeable of gases that form in the rumen and the froth that entrapped these gases to cause the frightful bloat.

Many products were tested by Griffin before discovering the present product that he calls aqua Bloat Stop. Silicones were first tested, but were not 100% effective level, and became too expensive. Poloxalene was also tested extensively, but proved ineffective due to palatability problems. "The cattle just would not drink the water that contained poloxalene," he stated intently.

After five years of primary research and hours and hours in every library available, the discovery came. A product that was nontoxic, decreased the froth formed and most importantly was palatable. "The cattle and sheep love this stuff," he stated smiling. "They will drink the medicated water before they will fresh [water]," he added.

Griffin now has formal test data on approximately 500 head of cattle and 200 head of sheep. The death loss has been 0.00% thus far. "One steer did bloat and die after he jumped a fence and stayed away from water 2 days," Griffin mentioned.

Mr. Griffin has many farmers and ranchers doing controlled field trials for him from Colorado to Arizona with more interest every day. "We need all the data we can get on water consumption under every condition we can find to submit to the Food and Drug Administration," he stated. "We now know the aqua Bloat Stop is foolproof, but we have to prove this fact beyond a doubt to the FDA," he emphasized.

The data being reported stated that feeder steers and heifers are gaining from 1.3-2.5 lb. per head per day and up to 2100 lb. of beef per acre in a growing season. The sheep producers report grazing 10-25 head per acre all summer long with no statistical weight gain reported at this writing. [Courtesy of the New Mexico Stockman]

Farm leader blames inflation for disappointing income year

A national farm leader blames continuing double digit inflation for the disappointing income year now shaping up for most farmers and ranchers.

Robert Delano, president of the American Farm Bureau Fedoration, says there is a direct relationship between high inflation, high interest rates, rapidly rising input costs and depressed farm income.

He adds that enactment by Congress of the full economic recovery program, including further spending cuts, holds the best answer to farm income improvement.

"Our analysis shows total farm production costs increasing about 9% to 10% this year over 1980. This corresponds almost exactly to the underlying rate of inflation that exists in this country today," Delano says.

"Obviously the relationship between inflation and farm production costs is direct and significant," Delano continued. "It is the reason farmers and ranchers urge support for the complete economic recovery package with its emphasis on reduced federal taxation and spending and consistent monetary policies."

Delano maintains that although the budgetary reforms and tax cut victories are important, they are only half of the four point economic recovery battle. Still remaining, he adds, is the need for further spending cuts, regulatory decontrol and full commitment by the Federal Reserve Board and others to sound monetary policies.

LONGHORN LADY—Mrs. Pat Baker of Baker's Safari Ranch, in Elk City, Okla., purchased many of the high selling animals recently in the C.J. Frantz Longhorn Production Sale. (Staff photo by Lee Pitts)

Obituaries

JOHN W. LITTLE

John W. Little, a well-known livestock man, passed away after suffering a heart attack recently in North Dakota.

Little, 61, was born in Clarksville, Texas, April 1, 1920 and married Aetna Mae Watts in 1945 in Clarksville. Little later moved to Crowell, Texas and worked on the Halsell Ranch. From there Little moved to Snyder, Texas and worked as a paint contractor for 10 years then moved to Ellendale, N.D., in 1961 where he ranched and farmed until his death.

Little raised cattle for 20 years. He was a member of the Baptist Church, National Cattlemen's Assn., North Dakota Cattlemen's Assn. and a member of the Masonic Lodge #13, Ellendale.

Wayne is survived by his wife, Aetna; one daughter, Judy Zeigler, Devils Lake, N.D.; four sons, Larry, Garry, Ellendale; Don, Devils Lake, N.D.; Eddy Wayne, Ada, Okla. Little was preceded in death by his parents and two brothers.

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All real government is what may be called Pentegerontamphitrapezy, i.e. five (more or less) old (more or less) gentlemen (more or less) sitting round a table.
—Joseph Rickaby, An Old Man's Jottings

SCHOOLS 24

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See The
OREGON TRAILER
In Northern California At
HEMSTEDS TRAILER CORRAL
Rt. 3, Box 483K
Auction Yard Rd.
Cottonwood, California
(Between Redding and Red Bluff off I-5 off Auction Yard Rd. exit.)
CALL: 916/347-4925
or 527-6846
Quality trailers at reasonable prices manufactured by Salem Trailer Manufacturing Co., Salem, Oregon.

MISCELLANEOUS 29

$1,000 REWARD
Tell us where we can find Lowell S. Harvey AKA Scott Harvey, nickname "Silver". 6 foot tall, slight build, 165 lbs. About 36 years old and wears glasses.
CALL: 702/884-2568
Ask for Bill Knudtsen
No questions asked

Remember to use the MINI AD DISPLAY
MAD rate:
$1.00 more per insertion to have your ad have some of the advantages of the classified regular display ad.
Write the word MAD on your ad order copy, underline the words you prefer in boldface, count the words, figure the cost and add $1.00 per insertion to take advantage of going MAD.

Western Livestock Journal's CLASSIFIED CORRAL Handy Order Form.
Mail this coupon to: The Classified Corral, 4th Floor, Livestock Exchg. Building, Denver, CO 80216.
Name
Address
City State Zip
Run this ad times under (choose category number) classification.
MAD Rate: $1.00 more per insertion. Check here if MAD is desired.
Blind Box Advertisers—Add $3.00 per insertion for forwarding of replies.
Please include telephone area code and zip code if phone and address appear in ad.
DISCOUNTS 10% if ad is scheduled for 3 or more times. 15% if ad is scheduled for 6 or more times.
Use for word ad copy only—Per Insertion
FROM ONE TO FOURTEEN WORDS A MINIMUM CHARGE OF $7.70 $8.25 $8.80 $9.35 $9.90 $10.45 $11.00 $11.55 $12.10 $12.65 $13.20 $13.75 $14.30 $14.85 $15.40 $15.95 $16.50 $17.05 $17.60 $18.15 $18.70 $19.25 $19.80 $20.35 $20.90 $21.45 $22.00 $22.55 $23.10 $23.65 $24.20 $24.75 $25.30 $25.85 $26.40 $26.95 $27.50
CLIP AND MAIL